

REACTIONS OF SWEET CORN HYBRIDS TO PREVALENT DISEASES AND HERBICIDES

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Common rust (*Puccinia sorghi*), northern leaf blight - NLB (*Exserohilum turcicum*), Stewart's bacterial wilt (*Erwinia stewartii*), maize dwarf mosaic - MDM (*maize dwarf mosaic* and *sugarcane mosaic viruses*), and southern leaf blight - SLB (*Bipolaris maydis*) are endemic diseases of sweet corn grown in North America. Southern rust (*Puccinia polysora*), anthracnose leaf blight - ALB (*Colletotrichum graminicola*), and gray leaf spot - GLS (*Cercospora zea-maydis*) occur infrequently but can be severe in some situations. Reactions to these diseases vary among commercial sweet corn hybrids.

Since 1984, nearly 3,400 sweet corn hybrids have been evaluated for disease reactions in nurseries at the University of Illinois. In each trial, hybrids were rated for severity of infection and classified as resistant (R), moderately resistant (MR), moderate (M), moderately susceptible (MS), and susceptible (S) based on standard deviations from trial means (z-scores), separations based on multiple comparison tests, and reactions of standard hybrids. This type of classification produces statistically "overlapping" groups without distinct differences between classes (e.g., the hybrids with the least severe symptoms in the MR class do not differ significantly from the hybrids with the most severe symptoms in the R class). Nevertheless, a consistent response of a hybrid over several trials gives a reasonable estimate of the disease reaction of that hybrid relative to other sweet corn hybrids. These reactions can then be used to assess the potential for diseases to become severe on a specific hybrid. Results of annual nurseries are reported in the Midwestern Vegetable Variety Trial Report and are on-line at the sweet corn hybrid disease nursery website www.sweetcorn.illinois.edu.

This article summarizes disease reactions of 800 commercially-available and pre-commercial hybrids based on 27 years of nurseries since 1984. The summary includes reactions of 547 shrunken-2 hybrids (317 yellow, 152 bi-color, and 78 white), 117 sugary hybrids (103 yellow, 9 bi-color and 5 white), 130 sugary enhancer hybrids (25 yellow, 73 bi-color, 30 white, and 2 red), and 6 brittle hybrids (5 yellow and 1 white). Responses to three post-emergence herbicides also are reported.

GENERAL INFORMATION

To insure uniform disease pressure, plants were inoculated repeatedly with races of *P. sorghi* (avirulent, D-virulent or G-virulent), *E. turcicum* races 0 and 1, *P. stewartii*, *maize dwarf mosaic* and *sugarcane mosaic viruses*, *B. maydis*, *P. polysora*, *C. graminicola*, and *C. zea-maydis*. Herbicides were applied post-emergence when plants had three to six visible leaf collars. Materials and methods varied slightly between years and are presented in more detail in each annual report. All diseases were not evaluated each year, thus, all hybrids were not evaluated for all diseases.

In this summary, hybrids are grouped by **endosperm phenotype** (sugary, sugary enhancer, or shrunken-2) and listed **alphabetically** by hybrid name. Hybrids with multiple endosperm mutations (e.g., sweet breeds, triples sweets, enhanced sh2) are placed under the most appropriate category of endosperm phenotypes. The table listing disease reactions of hybrids also includes: seed source (seed company which entered the hybrid in the nursery), endosperm type (ET), kernel color (KC), and relative maturity (RM) from 1 to 5 as reported by each seed company (where 1 = first early, 2 = second early, 3 = mid-season, 4 = main season, and 5 = full season).

Disease and herbicide reactions are averaged over all trials in which a hybrid was evaluated. Reactions are presented on a 0 to 9 scale, where: 0 = no disease, 1 = resistant, 3 = moderately resistant, 5 = moderate, 7 = moderately susceptible, and 9 = susceptible. Hybrids with *Rp*-reactions to rust are designated as 'Rp'. Reactions to avirulent (avir), D-virulent (D-vir) and G-virulent (G-vir) races of *P. sorghi* are listed separately. Hybrids with an Ht-gene response to NLB are noted as 'Ht'. The number of trials in which a hybrid was evaluated for each disease is noted with a superscript. For example, the reaction of the yellow sugary hybrid Bonanza to common rust is listed as 8⁵. This indicates that the rust reaction of Bonanza relative to all sweet corn hybrids is between moderately susceptible and susceptible (i.e., 8=MS-S because 7=MS and 9=S), and this average is based on five trials in which Bonanza was evaluated.

INTERPRETATION OF DISEASE REACTIONS

Resistance and susceptibility are the two extremes of a continuum of host reactions to diseases. Resistance measures the ability of the host to reduce the growth, reproduction, or disease-producing abilities of the pathogen, thus resulting in less severe symptoms. Major genes for resistance, such as *Rp*, *Ht*, or *Mdm1*, can prevent or substantially limit disease development if specific virulence is not present in pathogen populations. Hybrids with major gene resistance usually have clearly distinguishable phenotypes. Major gene resistance may be ineffective when specific virulence occurs. For example, rust resistance based on the *Rp1-D* gene is not effective when D-virulent isolates are prevalent. If hybrids do not have major gene resistance, disease reactions may range from partially resistant to susceptible.

Because nurseries at the University of Illinois have included most sweet corn hybrids available commercially in the past quarter century, reactions from UI nurseries reflect the disease response of a hybrid relative to currently-grown sweet corn. Hybrids with reactions classified as 1 or 2 (R or R-MR) were among the best in our trials in the past 27 years. Hybrids classified as 8 or 9 were susceptible (S) and were among the worst. Usually, hybrids with moderately resistant reactions (3) were better than average, and hybrids with moderately susceptible (7) reactions were worse than average. Levels of disease usually were near average on hybrids with moderate reactions (5) except when a majority of hybrids in a trial were very severely infected or infected very little. In those cases, reactions of hybrids with average levels of disease (mean and/or median) were classified above (≥ 6) or below (≤ 4) moderate. Classification of reactions of specific hybrids varied among years (e.g., some hybrids were classified M in one trial and MR or MS in another trial due to random variation or other factors). Thus, mean reactions of hybrids based on at least three or more trials are more accurate than reactions based on one or two trials.

Symptoms may occur on hybrids with R reactions, but the disease is less severe on these hybrids than on hybrids classified as MR, M, MS, or S. Effects of diseases on yield typically correspond to this scale of hybrid reactions.

Common rust. Rust reactions have become more complicated in the last decade because of the widespread occurrence of races of *P. sorghi* with virulence against specific Rp-resistance genes. Hybrids with the *Rp1-D* gene are infected by the D-virulent race of rust. Hybrids with the *Rp-G*, *Rp1-E*, *Rp1-I*, or *Rp1-K* genes are infected by the G-virulent race. None of the Rp genes currently used in sweet

corn are overcome by the avirulent race (i.e., the “old race”). Hybrids with certain combinations of Rp genes (e.g., *Rp1-D+Rp-G*, *Rp1-D+Rp1-I*, *RpDGI*, or *RpJFC*) are resistant to all three races used in the UI nurseries. In commercial production, hybrids with Rp genes may be infected by some populations of rust but not by others.

If a hybrid does not have Rp-resistance, the rust reaction listed in the first column of Table 2 is based on the response to all races. Theoretically, hybrids that do not have Rp resistance should have the same reaction to each race of rust, but in practice, reactions vary slightly among races. For example, the overall reaction of the yellow sugary hybrid Bonanza to common rust is MS-S based on 5 trials (i.e., 8⁵), but Bonanza was classified as S (9⁴) in four trials with the avirulent race of rust and MS (7¹) in a single trial with the D-virulent race. This difference probably is due to random variation among trials.

Rp-resistance is noted by ‘Rp’ in the first column. Reactions of hybrids with Rp-resistance are listed separately for avirulent, D-virulent, and G-virulent races of rust. For example, the yellow sugary hybrid Bonus had an Rp-reaction in 12 trials with the avirulent race of rust (0¹²). In ten trials with the D-virulent race of rust, Bonus had an MR-M reaction (4¹⁰). Bonus was Rp-resistant in six trials with G-virulent rust (0⁶). The response of Bonus is typical of hybrids with the *Rp1-D* gene: Rp-resistant to the avirulent and G-virulent races, whereas reactions to the D-virulent race are determined by background levels of polygenic resistance. Likewise, hybrids with an *RpG*, *Rp1-I*, *Rp1-E*, or *Rp1-K* gene are resistant to the avirulent and D-virulent races but reactions to the G-virulent race depend on background levels of rust resistance or susceptibility.

Rp-resistance to the avirulent race of rust occurred in about 52% of the hybrids trialed. Ninety-two hybrids were Rp-resistant against all three races and probably carry the *Rp1-D* gene plus another Rp gene. Two-hundred-and-thirty hybrids were resistant against the avirulent and G-virulent races, and probably carry the *Rp1-D* gene only. Ninety-two hybrids were Rp-resistant against the avirulent and D-virulent races, and probably carry an *RpG*, *Rp1-I*, *Rp1-E*, or *Rp1-K* gene. Among the 377 hybrids that did not have Rp-resistance, only 38 (5%) had R to MR reactions and 129 hybrids (16%) had MS to S reactions. Rust severity was frequently above 40% on hybrids classified from MS to S. Sweet corn yield is reduced about 5% for each 10% of the leaf area infected with common rust.

Northern leaf blight. Of the 152 hybrids with R to MR reactions to NLB, 112 had an *Ht* gene reaction in

addition to having good levels of polygenic resistance. Similarly, of 220 hybrids with MS to S reactions to NLB, only 12 had Ht-gene reactions. Over 120 of the NLB resistant hybrids were shrunken-2 endosperm types. Only 12 sugary enhanced and 10 sugary hybrids had R to MR reactions to NLB. Nearly half (47 of 104) of the yellow, sugary hybrids had MS to S reactions to NLB. Yield of hybrids with R to MR reactions is affected very little by NLB unless environmental conditions are extremely favorable for disease development. Yield of sweet corn usually is not affected by NLB until more than 15% or 20% of the leaf area is symptomatic. Yield of 428 hybrids with MR to MS reactions (4 to 6) reactions is likely to be reduced substantially by NLB if weather is favorable for disease development. Severity of NLB on these hybrids often was above 50% in UI disease nurseries.

Stewart's wilt. Infection by *E. stewartii* should be very limited on 175 hybrids with reactions from R to MR although some systemic infection and yield reduction may occur if flea beetles feed on these hybrids as seedlings emerge. This usually occurs under extremely dry conditions when populations of flea beetles are very large. Stewart's wilt has the potential to be severe on 119 hybrids classified from MS to S. Infection is likely to be systemic if these hybrids are infected as seedlings. Seed treatment insecticides that provide control of corn flea beetles should be advantageous on MS to S hybrids when the average winter temperature (Dec., Jan., Feb.) is above 27°F and flea beetles were present the previous summer. Seed treatment insecticides may have utility for risk adverse growers as an insurance against more severe infection of MS to S hybrids when the average winter temperature is between 24°F and 27°F or on hybrids classified from MR to MS when the average winter temperature is above 27°F.

Maize dwarf mosaic. About 75% of the sweet corn hybrids evaluated are susceptible (8 or 9) to MDM. However, about 190 hybrids have some level of MDM resistance (1 to 7). Most hybrids classified from R to MS probably carry the *Mdm1* resistance gene. Hybrids with the R to MR reactions to MDM usually had less than 10% symptomatic plants when inoculated at 2- to 4-leaf stages, and nearly no symptomatic plants when infected at later growth stages. These hybrids may have genes that modify the *Mdm1* gene and enhance levels of resistance. Incidence of MDM-infected plants is higher for MDM-resistant hybrids with moderate reactions (4 to 7). These hybrids may lack some of the MDM-

modifier genes. Susceptible hybrids (8 or 9) are nearly 100% infected when inoculated.

Southern leaf blight. About 34% of the hybrids evaluated for SLB had R to MR reactions and nearly 50% had MR to MS reactions. Hybrids with MS to S reactions are most likely to sustain damage from SLB when hot, humid environmental conditions favor this disease.

Southern rust, gray leaf spot, and anthracnose leaf blight. Fewer hybrids have been evaluated for reactions to southern rust, GLS, and ALB than for other diseases. Generally, these leaf blights are not widespread on sweet corn although they may be severe in specific situations. With the exception of one hybrid (Sure Gold) that has Rpp-resistance to southern rust, few hybrids are highly resistant to southern rust or GLS. In fact, the reactions of >90% of the hybrids evaluated range from M to S for these two diseases. Of the hybrids evaluated for ALB, about a quarter have reactions from MS to S.

Accent, Callisto, Laudis and Impact herbicides. Injury to hybrids from various, P450-metabolized, postemergence herbicides have been evaluated in UI nurseries since 2002. Only responses to Accent, Callisto, and Laudis are reported. Most hybrids have tolerant (1) responses to these herbicides. About 2% of the hybrids evaluated have sensitive responses. Sensitive hybrids probably are homozygous for mutant alleles at a cytochrome P-450 locus (CYP) on the short arm of chromosome 5. Homozygous mutants have increased levels of sensitivity to several P450-metabolized herbicides, including: Accent, Aim, Basagran, Callisto, Distinct, Laudis, Option, and Permit. These hybrids appear to lack the P450 enzyme that metabolizes these herbicides. About 25% of the hybrids evaluated have intermediate responses (2 to 6). Many of these hybrids are heterozygous for a functional and a mutant CYP allele. Heterozygous hybrids likely metabolize these herbicides at rates intermediate to tolerant and sensitive hybrids, and therefore have varied responses to these herbicides that are affected by a number of factors such as environmental conditions, rates of applications, and herbicide formulations. Response to Laudis is appears to be affected by a safener (isoxadifen ethyl) that enhances cytochrome P450 activity. Heterozygous hybrids usually are not injured by Laudis probably because of enhanced P450 activity; however, homozygous mutant hybrids are sensitive and may be severely injured by Laudis.

Table 1. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in UI nurseries, 1984-2010

Disease	n	Rp	Number of hybrids in each reaction category									% of hybrids			
			Resistant 1	Moderately resistant 2	Moderate 3	Moderately susceptible 4	Susceptible 5	6	7	8	9	R*	R-MR	MR-MS	MS-S
Common rust															
avirulent	791	414	7	9	22	40	80	90	69	38	22	52	5	27	16
D-virulent	771	184	10	2	22	57	174	173	112	39	4	24	4	52	20
G-virulent	677	304	7	13	30	55	105	68	61	29	11	45	7	34	15
NLB															
Ht hybrids	260		18	46	48	55	54	27	9	3	0	33	43	52	5
ht hybrids	540		5	13	22	41	141	110	112	57	39		7	54	39
MDM	772		23	42	42	33	17	15	27	134	439	24	14	10	76
Stewart's wilt	797		12	44	119	166	199	138	65	34	20		22	63	15
SLB	794		37	89	147	125	165	102	74	39	16		34	49	16
Herbicides															
Callisto	527		204	180	86	29	12	6	3	5	2		73	25	2
Laudis	333		313	8	4	0	1	0	1	5	1		96	1	2
Accent	612		436	95	61	6	3	0	3	2	6		71	27	2
Southern rust	259	1	1	7	5	23	44	55	58	33	32		5	47	47
GLS	144		0	1	3	20	42	36	23	14	5		3	68	29
ALB	87		8	5	13	7	24	10	15	2	3		30	47	23

n = number of hybrids evaluated from 1984-2010 that are currently available commercially or are in pre-commercial development.

Disease reaction classification: 1 - resistant, 3- moderately resistant, 5 - moderate, 7- moderately susceptible, 9 - susceptible.

Herbicide response: tolerant (1), intermediate (2-6), sensitive (7-9).

R* = percentage of hybrids with Rp resistance to common rust, Ht-resistance to NLB, or Mdm1-resistance to MDM.

In the past 27 years, many people have participated in annual evaluations of hybrids in the University of Illinois sweet corn nurseries, including (chronologically): John Headrick, Suparyono, John Gantz, Payam Fallah, Annette Meyer, Claude Nankam, Mike Kerns, Lindsey du Toit, Phil Michener, Noah Freeman, Molly Pate, Mirian Gonzalez, Andrea Campaña, Mohammad Babadoost, Loyd Wax, Christy Sprague, Tatjana Ledenčan, Jon Nordby, Mark Bogner, Clint Mapel, Ryan Hasty, John Frihauf, Valdimir Casteñada, Alicia Chávez, Mike Meyer, Bryan Warsaw, and Jim Moody.

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's							Southern			
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS	ALB
SnRv	su	Y	5	Enterprise	Rp ¹⁷	0 ⁶	4 ⁶	0 ⁵	3 ⁸		3 ⁷	2 ⁷	3 ⁶	2 ⁶	1 ²	2 ⁴	5 ¹		
Cr	su	Y	4	Evita	Rp ¹⁵	0 ⁵	5 ⁵	0 ⁵	7 ⁵		4 ⁶	2 ⁷	5 ⁶	1 ⁶	1 ²	2 ³	5 ¹		
Sem	su	Y	4	EX 0832 4148	Rp ¹¹	0 ⁴	4 ⁴	0 ³	7 ⁴		5 ⁴	9 ⁴	8 ⁴	2 ⁴	1 ²	1 ¹	7 ¹		
Rog	su	Y	5	GH 0937 A	Rp ¹⁵	0 ⁷	4 ⁶	0 ²	4 ⁹	Ht	2 ⁸	3 ⁸	6 ⁷	2 ³	1 ¹	1 ²	9 ¹	5 ²	
Rog	su	Y	4	GH 0991	Rp ¹¹	0 ⁴	0 ⁴	0 ³	6 ⁸		3 ⁵	1 ⁵	3 ⁴	3 ⁴	1 ¹	3 ²		3 ¹	
Rog	su	Y	2	GH 1703	6 ⁵	5 ³	6 ²		8 ³		7 ²	9 ¹	8 ²	1 ¹					7 ¹
Rog	su	Y	3	GH 2042	Rp ⁶	0 ²	0 ³	5 ¹	9 ⁵		7 ³	9 ³	3 ³	2 ²		3 ¹		7 ¹	
Rog	su	Y	2	GH 2171	Rp ¹¹	0 ⁴	0 ⁴	5 ³	6 ⁵	Ht	6 ⁴	4 ⁴	6 ⁴	2 ³	1 ¹	1 ²	4 ¹		
Rog	su	Y	4	GH 2547	Rp ¹²	0 ⁵	5 ⁵	0 ²	7 ⁶		5 ⁵	5 ⁵	5 ⁵	1 ²	1 ¹	1 ¹	7 ¹	4 ¹	
Rog	su	Y	3	GH 3281	Rp ³	0 ¹	0 ¹	2 ¹	5 ²	Ht	3 ¹	4 ¹	7 ¹						
Rog	su	Y	4	GH 3369	Rp ⁵	0 ²	0 ²	0 ¹	6 ²		6 ²	4 ²	3 ²	2 ²	1 ¹				
Rog	su	Y	2	GH 4902	Rp ⁵	0 ²	4 ²	0 ¹	9 ²		8 ²	7 ²	5 ²	2 ²	1 ¹				
Rog	su	Y	3	GH 4927	Rp ⁸	0 ³	0 ³	5 ²	9 ⁴		8 ³	8 ³	4 ³	4 ²		1 ²	5 ¹		
Rog	su	Y	5	GH 5704	Rp ¹³	0 ⁵	0 ⁵	7 ³	5 ⁷	Ht	3 ⁵	5 ⁶	2 ⁴	1 ⁵	3 ¹	2 ³	8 ¹		
Rog	su	Y	5	GH 6225	Rp ³	0 ¹	0 ¹	0 ¹	5 ²	Ht	5 ¹	1 ¹	6 ¹			1 ¹			
Rog	su	Y	4	GH 6377 P	Rp ¹¹	0 ⁴	0 ⁴	0 ³	6 ⁵	Ht	4 ⁴	2 ⁴	5 ⁴	3 ³	1 ²	1 ¹			
Rog	su	Y	5	GH 6462	Rp ⁹	0 ³	0 ³	0 ³	6 ⁴	Ht	4 ⁴	4 ⁴	5 ⁴	1 ⁴	1 ¹	1 ²	4 ¹		
Rog	su	Y	5	GH 9597	Rp ¹⁰	0 ⁴	0 ⁴	0 ²	5 ⁶	Ht	1 ⁴	3 ⁵	7 ³	2 ⁴	1 ¹	2 ²			
SdSv	su	Y	3	Golden Bantam WI	9 ¹	9 ¹			7 ¹				7 ¹						
Rog	su	Y	5	Golden Queen	7 ⁵	8 ⁴	7 ¹		3 ⁴		4 ⁴	9 ¹	4 ¹	1 ¹					4 ²
GG	su	W	4	Green Giant Code 61	3 ⁸	3 ³	4 ³	4 ²	5 ⁷		7 ⁷	9 ⁷	4 ⁶	4 ⁴		1 ²	6 ²	6 ²	
GG	su	Y	4	Green Giant Code 62	Rp ¹²	0 ⁵	3 ⁶	0 ¹	2 ⁹	Ht	2 ⁷	8 ⁷	4 ⁶	1 ³		1 ¹	7 ¹	5 ³	
GG	su	Y	3	Green Giant Code 123	5 ⁶	6 ²	5 ²	6 ²	7 ⁶		4 ⁴	9 ⁴	8 ³	1 ⁴		1 ²	7 ¹	7 ¹	
GG	su	Y	4	Green Giant Code 128	Rp ⁷	0 ³	4 ³	0 ¹	5 ⁶		3 ⁴	4 ⁴	2 ²	2 ⁴		2 ²	4 ¹		
GG	su	Y	4	Green Giant Code 146	Rp ¹¹	0 ⁴	0 ⁴	4 ³	5 ⁷		6 ⁵	4 ⁶	1 ⁴	1 ⁵	1 ¹	1 ³			
GG	su	Y	2	Green Giant Code 151	Rp ⁹	0 ³	5 ³	0 ³	8 ⁶		6 ⁴	9 ⁵	8 ⁴	1 ⁴		1 ³	6 ¹		
GG	su	Y	1	Green Giant Code 162	Rp ⁹	0 ³	6 ³	0 ³	9 ³		7 ⁴	8 ⁴	3 ³	2 ⁴	1 ¹	1 ²			
GG	su	Y	2	Green Giant Code 174	Rp ⁵	0 ²	4 ²	0 ¹	6 ²		6 ²	3 ²	3 ²	2 ²	1 ¹				
GG	su	Y	4	Green Giant Code 175	Rp ¹²	0 ⁴	4 ⁴	0 ⁴	2 ⁵	Ht	2 ⁵	7 ⁵	1 ⁵	1 ⁵	1 ²	1 ²	5 ¹		
GG	su	Y	4	Green Giant Code 188	Rp ⁸	0 ³	0 ³	2 ²	3 ³	Ht	2 ³	2 ³	5 ³	1 ³	1 ¹	1 ¹	5 ¹		
GG	su	Y	2	Green Giant Code 204	Rp ⁸	0 ³	3 ³	0 ²	8 ⁴		4 ³	9 ³	8 ³	2 ²	1 ¹	1 ¹			
GG	su	Y	2	Green Giant Code 206	Rp ⁸	0 ³	3 ³	0 ²	7 ⁴		5 ³	9 ³	7 ³	2 ²	1 ¹	1 ¹			
GG	su	Y	4	Green Giant Code 209	Rp ⁵	0 ²	0 ²	4 ¹	6 ²		5 ²	6 ²	3 ²	2 ²	1 ¹				
GG	su	Y	1	Green Giant Code 218	Rp ⁶	0 ²	0 ²	8 ²	8 ³		6 ²	8 ²	4 ²	3 ¹	1 ¹	1 ¹			
GG	su	Y	1	Green Giant Code 219	7 ⁶	8 ²	7 ²	7 ²	8 ³		5 ²	9 ²	5 ²	3 ¹	1 ¹	1 ¹			
GG	su	Y	4	Green Giant Code 220	Rp ⁶	0 ²	0 ²	0 ²	6 ³		3 ²	2 ²	6 ²	3 ¹	1 ¹	1 ¹			
GG	su	Y	4	Green Giant Code 238	Rp ³	0 ¹	0 ¹	1 ¹	3 ²	Ht	2 ¹	1 ¹	6 ¹			1 ¹			
Sem	su	Y	4	Harvest Gold	Rp ²¹	0 ⁸	3 ⁸	0 ⁵	3 ¹³	Ht	2 ¹⁰	8 ⁹	6 ⁸	1 ⁸	1 ²	1 ⁵	6 ¹	7 ²	
HM	su	Y	3	HM 2390	Rp ⁹	0 ³	3 ³	0 ³	8 ⁴		5 ⁴	9 ⁴	4 ⁴	1 ⁴	1 ²				
HM	su	Y	4	HMX 6384	Rp ¹¹	0 ⁴	0 ⁴	0 ³	7 ⁴		6 ⁴	3 ⁴	1 ⁴	2 ⁴	1 ²	1 ¹	5 ¹		
Cr	su	B	3	Honey & Cream	6 ¹⁰	6 ⁷	7 ³		6 ⁹		7 ⁹	9 ⁶	6 ⁷	1 ²		8 ²	7 ³	5 ³	
Cr	su	Y	3	Intrigue	Rp ¹⁷	0 ⁷	4 ⁷	0 ³	7 ¹³		5 ¹⁰	8 ¹⁰	6 ⁸	1 ⁵		2 ⁴	9 ¹	6 ³	
Cr	su	Y	3	Intrigue GFJ	Rp ³	0 ¹	0 ¹	0 ¹	7 ²		4 ¹	8 ¹	6 ¹			1 ¹			

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's					Southern						
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS	ALB	
SnRv	su	Y	1	Jet	Rp ¹⁷	0 ⁶	6 ⁶	0 ⁵	7 ¹⁰		5 ⁷	9 ⁸	9 ⁷	1 ⁶	1 ²	1 ⁴	4 ¹			
Rog	su	Y	4	Jubilee	5 ³⁷	5 ²¹	6 ¹⁰	6 ⁶	8 ²⁷		9 ²⁵	9 ¹⁴	4 ¹⁵	2 ⁷	1 ²	2 ⁵	7 ³	6 ¹	7 ⁵	
HM	su	Y	3	Kokanee	Rp ⁶	0 ²	4 ²	0 ²	8 ³		4 ³	9 ³	4 ³	1 ³	1 ¹	1 ¹				
HM	su	Y	5	Legacy	Rp ¹⁶	0 ⁸	5 ⁵	0 ³	8 ¹⁰		6 ⁸	9 ⁶	6 ⁶	1 ⁴	1 ¹	2 ²	6 ²	6 ¹	7 ¹	
HM	su	Y	4	Lumina	Rp ²⁰	0 ¹⁰	6 ⁶	0 ⁴	7 ¹³	Ht	8 ¹¹	9 ⁹	6 ⁹	1 ⁶	1 ¹	2 ⁴	7 ³	7 ¹	5 ²	
Sem	su	Y	4	Merit	8 ¹⁷	8 ⁸	8 ⁵	7 ⁴	6 ¹⁰	Ht	5 ⁹	9 ⁵	5 ⁶	9 ⁴	9 ²	9 ²			6 ²	
Sem	su	Y	4	Merkur	Rp ¹⁷	0 ⁶	5 ⁶	0 ⁵	3 ¹⁰	Ht	2 ⁸	4 ⁷	7 ⁷	2 ⁷	1 ²	2 ³	5 ¹	6 ²		
Rog	su	B	2	Peaches & Cream Early EH	8 ²	7 ¹	8 ¹		9 ¹		7 ¹	9 ¹	8 ¹	1 ¹						
SnRv	su	Y	2	Prelude	5 ¹⁸	6 ⁵	5 ⁸	5 ⁵	8 ¹²		5 ⁹	8 ¹¹	6 ⁷	1 ⁸	1 ²	1 ⁴	5 ¹	8 ¹		
SnRv	su	Y	4	Punch	5 ¹⁰	5 ³	5 ⁴	4 ³	7 ⁷		5 ⁵	9 ⁶	6 ⁴	1 ⁵		2 ⁴	5 ¹			
Cr	su	B	1	Quickie	8 ¹⁵	9 ¹¹	8 ⁴		8 ¹³		7 ¹²	8 ⁸	9 ⁹	1 ²		2 ¹	9 ²	8 ¹	8 ³	
Rog	su	Y	5	Rocker	Rp ¹⁴	0 ⁵	0 ⁵	0 ⁴	7 ⁸		6 ⁶	4 ⁷	4 ⁵	1 ⁶	1 ¹	2 ⁴	5 ¹			
SnRv	su	Y	2	Rocket	6 ³	5 ¹	7 ¹	5 ¹	9 ²		4 ¹	9 ¹	9 ¹			1 ¹				
Sem	su	Y	1	Seneca Horizon	4 ⁵	3 ⁴	6 ¹		4 ⁴		6 ⁴	8 ¹	5 ¹	1 ¹					6 ²	
Rog	su	W	5	Silver Queen	8 ⁶	8 ⁵	6 ¹		4 ⁶		3 ⁷	9 ²	4 ²	1 ¹		9 ¹		6 ³		
HM	su	Y	3	Sockeye	Rp ¹³	0 ⁵	3 ⁶	0 ²	9 ⁹		5 ⁷	9 ⁷	4 ⁶	1 ⁴	1 ¹	2 ¹		5 ³		
Rog	su	Y	1	Spirit	5 ³	5 ²	6 ¹		9 ²		9 ²	9 ¹	4 ²	1 ¹						
SdSv	su	W	5	Stow ells Evergreen	5 ¹	5 ¹			5 ¹				5 ¹							
Rog	su	Y	5	Sweet G90	5 ²	4 ¹	5 ¹		6 ¹		2 ¹	9 ¹	4 ¹	1 ¹						
Cr	su	Y	4	Tamarack	Rp ¹⁴	0 ⁵	0 ⁵	0 ⁴	7 ⁶		2 ⁵	2 ⁵	6 ⁵	2 ⁴	1 ²	2 ²	7 ¹			
HM	su	Y	3	Turbo	Rp ¹¹	0 ³	3 ⁵	0 ³	4 ⁷	Ht	4 ⁶	4 ⁶	3 ⁶	3 ⁵	1 ²	1 ³	4 ¹			
SnRv	su	Y	5	UY 0712 OJ	Rp ¹⁵	0 ⁵	5 ⁵	0 ⁵	6 ⁸		4 ⁶	1 ⁷	5 ⁶	1 ⁶	1 ²	1 ³	5 ¹			
SnRv	su	Y	5	UY 1953 OK	5 ¹¹	6 ³	5 ⁴	5 ⁴	3 ⁵	Ht	3 ⁵	2 ⁵	3 ⁵	1 ⁵	1 ²	1 ²	5 ¹			
SnRv	su	Y	4	UY 2409 OQ	Rp ³	0 ¹	5 ¹	0 ¹	6 ²		2 ¹	2 ¹	4 ¹			1 ¹				
SnRv	su	Y	4	UY 2443 OQ	Rp ³	0 ¹	5 ¹	0 ¹	5 ²		4 ¹	9 ¹	6 ¹			3 ¹				
SnRv	su	Y	4	UY 2587 OQ	5 ³	5 ¹	6 ¹	4 ¹	5 ²		6 ¹	1 ¹	8 ¹			9 ¹				
SnRv	su	Y	4	UY 2611 OQ	Rp ³	0 ¹	3 ¹	0 ¹	7 ²		4 ¹	1 ¹	5 ¹			1 ¹				
SnRv	su	Y	3	UY 2673 OQ	5 ³	5 ¹	5 ¹	6 ¹	8 ²		4 ¹	8 ¹	6 ¹			1 ¹				
SnRv	su	Y	3	UY 2680 OQ	5 ³	5 ¹	5 ¹	6 ¹	7 ²		4 ¹	8 ¹	7 ¹			1 ¹				
SnRv	su	Y	1	UY 3435 OM	Rp ⁸	0 ³	6 ³	0 ²	8 ³		5 ³	9 ³	9 ³	1 ³	1 ²					
Rog	suse	W	4	WH 1163	4 ⁵	2 ²	6 ²	6 ¹	6 ²		5 ²	5 ²	2 ²	3 ²	1 ¹					
Rog	su	W	5	WH 1428	Rp ³	0 ¹	0 ¹	0 ¹	5 ¹		4 ¹	1 ¹	3 ¹	2 ¹	3 ¹					
Sugary enhanced hybrids																				
Sem	se	B	4	Absolute	5 ¹⁷	5 ⁷	5 ⁷	4 ³	5 ¹²		3 ¹⁰	9 ¹⁰	4 ⁸	2 ⁶	1 ¹	2 ³	7 ²	6 ³		
MM	se	B	4	Accord	6 ¹⁹	6 ⁶	6 ⁸	6 ⁵	3 ¹³		3 ¹⁰	9 ¹⁰	2 ⁸	2 ⁷	1 ¹	2 ⁵	5 ¹	5 ²		
Sto	se	B	1	Aladdin	9 ¹	9 ¹			7 ¹		7 ¹								5 ²	
Cr	se	B	3	Ambrosia	6 ³⁰	6 ¹⁵	5 ⁹	6 ⁶	5 ²¹		2 ¹⁹	9 ¹⁴	6 ¹⁴	1 ⁸	1 ²	2 ⁵	6 ³	5 ³	6 ³	
Cr	sesyn	B	3	Applause	6 ⁸	6 ³	6 ³	5 ²	6 ⁵		5 ⁵	9 ⁴	5 ³	1 ⁵	1 ¹	1 ²		6 ¹		
Cr	se	W	4	Argent	5 ²⁷	4 ¹⁴	5 ⁸	5 ⁵	4 ²⁰		2 ¹⁸	9 ¹³	4 ¹⁴	5 ⁷	2 ¹	2 ⁵	5 ³	6 ³	5 ³	
Cr	se	W	4	Argent RM	4 ³	4 ¹	5 ¹	4 ¹	3 ²		1 ¹		5 ¹			1 ¹				
MM	se	W	4	Augusta	5 ¹⁴	6 ⁴	5 ⁵	5 ⁵	4 ⁷		3 ⁶	9 ⁶	6 ⁶	1 ⁵	1 ²	1 ³	5 ¹			
Rog	se+	W	4	Avalon	Rp ⁵	0 ²	4 ²	0 ¹	5 ⁵		6 ³	9 ³	3 ²	1 ³		3 ¹		7 ¹		
Rog	se+	B	4	BC 0805 A	Rp ⁸	0 ³	4 ³	0 ²	7 ⁶		7 ⁴	9 ⁵	3 ³	2 ⁴		1 ³				

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				NLB	Ht	Stewart's				Southern				
					rust	avir	D-vir	G-vir			wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS	ALB
Rog	se	Y	3	GH 0851	Rp ⁵	0 ²	5 ²	0 ¹	7 ²		8 ²	8 ²	3 ²	1 ²		1 ¹	4 ¹		
Rog	se	Y	3	GH 2684	Rp ⁴	0 ³	5 ¹		8 ³		9 ³	9 ¹	2 ²	1 ¹					5 ²
MM	se	Y	1	Head Start	9 ⁴	7 ²	7 ²		6 ³		5 ²	9 ²	4 ²	1 ¹		1 ¹			
HM	se	B	1	HMX 6358 BES	8 ¹⁰	8 ³	8 ⁴	8 ³	8 ³		8 ⁴	9 ⁴	7 ³	1 ⁴	1 ²	1 ¹			
Rog	se+	Y	4	Honey Select	5 ¹⁷	6 ⁶	5 ⁶	5 ⁵	7 ¹⁰		6 ⁸	9 ⁹	3 ⁷	1 ⁷	1 ²	1 ⁴	7 ²		
Cr	se	Y	4	Incredible	4 ²⁹	3 ¹⁷	4 ⁸	4 ⁴	6 ²³		4 ²⁰	9 ¹²	5 ¹⁴	1 ⁶		1 ⁵	6 ³	5 ³	6 ⁴
Sto	se	B	2	Ivanhoe	4 ³	4 ³			2 ³		6 ³		2 ²						6 ²
Rog	se	B	4	Jackpot	Rp ⁶	0 ³	5 ³		5 ³		6 ²	9 ²	4 ³	1 ¹			6 ¹		
Rog	se	Y	5	Kandy Korn EH	4 ⁵	4 ⁴	6 ¹		5 ⁴		4 ⁴	9 ¹	3 ¹	1 ¹					6 ²
MM	se+	W	2	KoKopelli	6 ³	6 ¹	7 ¹	6 ¹	5 ²		6 ¹	8 ¹	5 ¹			1 ¹			
Cr	sesyn	B	4	Kristine	5 ⁹	5 ³	5 ⁴	5 ²	5 ⁷		5 ⁵	8 ⁶	2 ⁴	1 ⁵		1 ⁴	3 ¹		
MM	se	B	5	Lancelot	3 ²²	3 ¹⁰	3 ⁷	4 ⁵	3 ¹⁵		3 ¹³	9 ⁸	4 ⁹	1 ⁷	1 ¹	2 ⁵	2 ¹	6 ²	5 ²
HM	se	Y	2	Legend	3 ³	3 ²	3 ¹		7 ²		8 ²		9 ¹						
MM	se	B	3	Luscious TSW	6 ²⁰	6 ⁷	6 ⁹	6 ⁴	5 ¹³		6 ¹⁰	9 ¹⁰	4 ⁸	1 ⁷	1 ²	2 ⁴	4 ¹	5 ²	
MM	se+	B	5	Manitou	7 ¹⁰	8 ³	7 ⁴	7 ³	5 ⁵		6 ⁴	8 ⁴	5 ⁴	1 ³	1 ¹	1 ²	6 ¹		
MM	syn	W	5	Mattapoissett	7 ¹⁰	7 ³	6 ⁴	7 ³	5 ⁵		5 ⁴	9 ⁴	4 ⁴	1 ³	1 ¹	1 ²	6 ¹		
MM	se	Y	5	Merlin	3 ²⁴	3 ¹²	3 ⁸	3 ⁴	4 ¹⁸		2 ¹⁵	9 ¹²	2 ¹²	2 ⁶	1 ¹	1 ⁴	4 ³	5 ³	3 ¹
Cr	se	Y	4	Miracle	3 ³⁶	2 ²¹	4 ⁹	3 ⁶	3 ²⁸		2 ²⁶	9 ¹⁴	4 ¹⁶	2 ⁸	1 ²	1 ⁵	6 ³	6 ³	3 ⁵
MM	se	W	4	Misquamicut	7 ¹⁴	7 ⁴	6 ⁵	6 ⁵	5 ⁹		5 ⁶	9 ⁷	6 ⁶	1 ⁵	1 ¹	1 ⁴	7 ¹		
MM	se+	B	3	Monomoy	6 ⁷	7 ²	5 ³	8 ²	4 ⁴		5 ³	8 ³	3 ³	1 ²		1 ²	5 ¹		
MM	syn	B	5	Montauk	7 ¹⁶	7 ⁵	7 ⁶	7 ⁵	6 ¹⁰		5 ⁷	9 ⁸	7 ⁶	1 ⁶	1 ¹	1 ⁵	6 ¹		
Cr	se	B	3	Mystique	6 ¹⁴	6 ⁷	7 ⁶	4 ¹	3 ¹¹		3 ⁹	9 ⁹	5 ⁷	4 ⁵	1 ¹	7 ²	9 ¹	5 ³	
MM	syn	B	2	Nantasket	7 ¹⁰	8 ³	7 ⁴	7 ³	5 ⁸		6 ⁵	9 ⁶	4 ⁵	1 ⁴		1 ⁴	7 ¹		
MM	se	B	1	Native Gem	7 ¹⁵	7 ⁶	7 ⁵	8 ⁴	5 ⁷		5 ⁷	9 ⁶	6 ⁶	1 ⁴	1 ²	1 ²	2 ¹	6 ¹	5 ¹
MM	syn	B	5	Nauset	3 ⁸	3 ³	3 ³	4 ²	7 ⁶		2 ⁴	9 ⁵	6 ³	1 ⁴		2 ³			
MM	se	B	3	Ovation	5 ⁸	5 ³	5 ³	5 ²	5 ⁴		5 ³	9 ³	2 ³	2 ²	1 ¹	1 ¹			
MM	se	B	3	Parfait	6 ⁴	6 ³	5 ¹		5 ³		4 ³	9 ³	5 ³	1 ¹			9 ¹	8 ¹	
Rog	se	B	5	Peaches & Cream Mid EH	7 ²	8 ¹	6 ¹		6 ¹		7 ¹	9 ¹	5 ¹	2 ¹					5 ¹
Cr	sesyn	B	2	Polka	7 ¹⁰	8 ³	7 ⁴	8 ³	7 ⁷		6 ⁵	9 ⁵	3 ⁴	1 ⁵	1 ¹	1 ³	5 ¹		
MM	se+	B	3	Pow w ow	7 ³	7 ¹	6 ¹	7 ¹	5 ²		6 ¹	9 ¹	6 ¹			3 ¹			
MM	se	B	4	Precious Gem	4 ²¹	4 ⁷	4 ⁸	4 ⁶	4 ¹⁴		3 ¹¹	9 ¹²	2 ⁹	2 ⁸	1 ²	1 ⁵	2 ¹	4 ²	
MM	se	Y	1	Precocious	7 ⁵	8 ⁴	6 ¹		6 ⁴		8 ⁷	9 ¹	7 ²	1 ¹					9 ²
Rog	se+	B	4	Providence	Rp ⁶	0 ³	5 ³		6 ⁴		6 ⁴	9 ²	3 ²	1 ³		1 ¹	7 ²		
HM	se	B	2	Reflection	7 ¹⁰	8 ³	6 ⁴	6 ³	4 ⁴		5 ⁴	8 ⁴	6 ⁴	1 ⁴	1 ²	1 ¹	5 ¹		
HM	sb	B	2	Renaissance	8 ¹			8 ¹	8 ¹		7 ¹	9 ¹	4 ¹			1 ¹			
MM	se+	B	2	Rendevous	8 ³	8 ¹	7 ¹	8 ¹	7 ²		8 ¹	9 ¹	3 ¹			1 ¹			
HM	sb	B	1	Revelation	8 ⁹	9 ³	8 ⁴	8 ²	6 ⁷		8 ⁵	9 ⁵	9 ⁴	1 ⁵	1 ¹	1 ³	4 ¹		
MM	se+	B	4	Saugatuck	7 ⁷	7 ²	6 ³	7 ²	5 ⁴		5 ³	8 ³	4 ³	1 ²		1 ²	6 ¹		
Sem	se	B	3	SEM 28	Rp ⁶	0 ²	0 ²	6 ²	4 ³	Ht	4 ²	9 ²	6 ²	2 ¹	1 ¹	1 ¹			
Sem	se	B	3	SEM 31	7 ³	8 ¹	6 ¹	7 ¹	5 ¹		7 ¹	9 ¹	6 ¹	3 ¹	1 ¹				
Sem	se	Y	2	SEM 38	Rp ⁶	0 ²	0 ²	0 ²	5 ³		5 ²	2 ²	6 ²	2 ¹	1 ¹	1 ¹			
Sem	se	y	2	SEM 39	Rp ⁶	0 ²	0 ²	0 ²	6 ³		5 ²	2 ²	6 ²	3 ¹	1 ¹	1 ¹			
Sem	se	W	3	SEM 43	Rp ³	0 ¹	4 ¹	0 ¹	4 ²	Ht	4 ¹	9 ¹	5 ¹			1 ¹			

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's					Southern						
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS	ALB	
Sem	se	B	3	SEM 108	Rp ³	0 ¹	0 ¹	3 ¹	3 ²	Ht	3 ¹	9 ¹	2 ¹				1 ¹			
Sem	se	B	3	SEM 143	Rp ³	0 ¹	0 ¹	0 ¹	2 ²	Ht	5 ¹	8 ¹	3 ¹				1 ¹			
Sem	se	B	3	SEM 144	Rp ³	0 ¹	0 ¹	0 ¹	4 ²	Ht	5 ¹	9 ¹	3 ¹				1 ¹			
Sem	se	B	3	SEM 15	6 ³	7 ¹	5 ¹	7 ¹	6 ¹		8 ¹	8 ¹	4 ¹	2 ¹	1 ¹					
Sem	se	B	3	SEM 151	6 ³	6 ¹	5 ¹	6 ¹	4 ²		6 ¹	8 ¹	8 ¹				1 ¹			
Sem	se	B	3	SEM 152	Rp ³	0 ¹	0 ¹	5 ¹	4 ²	Ht	4 ¹	9 ¹	1 ¹				1 ¹			
Sem	se	W	3	SEM 153	6 ³	5 ¹	5 ¹	7 ¹	5 ²		5 ¹	9 ¹	8 ¹				1 ¹			
Sem	se	W	3	SEM 154	5 ³	5 ¹	5 ¹	5 ¹	3 ²		3 ¹	9 ¹	7 ¹				1 ¹			
Sem	se	B	1	Seneca Arrow head	6 ⁵	6 ⁴	7 ¹		7 ⁴		6 ⁴	8 ⁴	4 ⁴	1 ¹			8 ²	8 ¹		
Sem	se	B	4	Seneca Dancer	5 ⁷	5 ⁶	5 ¹		5 ⁷		5 ⁶	8 ⁴	4 ⁵	3 ²			6 ²	6 ²	4 ²	
Sem	se	B	4	Sensor	4 ²⁹	3 ¹⁴	4 ⁹	4 ⁶	4 ²¹		5 ²⁰	9 ¹³	3 ¹⁴	1 ⁸	1 ²	1 ⁵	5 ²	5 ³	3 ¹	
Rog	se+	B	4	Serendipity	6 ⁵	6 ³	6 ²		6 ³		8 ³	9 ³	4 ²	1 ²		3 ¹	7 ¹			
MM	se	W	4	Shasta	5 ⁸	5 ³	5 ³	5 ²	5 ⁴		4 ³	9 ³	4 ³	1 ²	1 ¹	1 ¹				
Rog	se	W	4	Silver King	4 ⁶	4 ⁴	4 ²		5 ⁵		5 ⁴	9 ⁵	3 ⁵	1 ¹			9 ¹	6 ¹	3 ¹	
Sto	se	B	1	Speedy Sweet	9 ²	9 ²			9 ¹		8 ³		9 ¹							
MM	se	W	1	Spring Snow	6 ⁵	5 ²	7 ²	5 ¹	6 ²		5 ²	9 ²	7 ²	1 ²	1 ¹					
MM	se	Y	2	Spring Treat	6 ⁷	6 ²	5 ³	7 ²	5 ⁴		6 ³	8 ³	3 ³	1 ²		1 ²	2 ¹			
Cr	se	Y	2	Sugar Buns	5 ²⁸	5 ¹⁷	6 ⁷	6 ⁴	4 ²¹		6 ¹⁸	9 ¹¹	4 ¹³	1 ⁵	1 ²	2 ²	8 ²	8 ³	5 ³	
MM	se	W	2	Sugar Pearl TSW	6 ¹⁴	6 ⁴	6 ⁵	6 ⁵	5 ⁹		6 ⁶	9 ⁷	4 ⁶	1 ⁵	1 ¹	1 ⁴	2 ¹			
MM	se	Y	5	Sumptuous	3 ⁶	4 ²	4 ²	3 ²	5 ⁴		1 ³	9 ³	2 ³	2 ²		1 ²				
Sem	se	Y	2	SVR 0873 5414	Rp ¹²	0 ⁴	6 ⁴	0 ⁴	6 ⁵		5 ⁵	2 ⁵	6 ⁵	1 ⁵	1 ²	1 ²	4 ¹			
HM	sb	B	2	Sweet Chorus	7 ¹²	7 ⁷	7 ⁴	5 ¹	8 ⁷		7 ⁶	7 ⁵	7 ⁶	1 ³	1 ¹	1 ¹	8 ²	9 ¹		
HM	se	W	3	Sweet Ice	7 ⁷	7 ⁵	8 ²		6 ⁵		6 ⁴	9 ³	4 ⁵	1 ¹			9 ²	9 ¹	1 ¹	
HM	sb	B	3	Sweet Rhythm	7 ⁵	7 ⁴	8 ¹		6 ⁴		3 ³	9 ¹	4 ³				8 ¹	6 ¹	5 ²	
Sem	sesu	R	5	Sweet Scarlet	4 ³	4 ¹	5 ¹	4 ¹	6 ³		8 ³	9 ⁴	2 ³	4 ¹		1 ¹		4 ¹		
Sem	sesy	B	3	Synergy R	4 ¹⁴	4 ⁴	4 ⁵	4 ⁵	3 ⁷	Ht	4 ⁶	9 ⁶	4 ⁶	1 ⁵	1 ²	1 ³	4 ¹			
Sem	se	B	1	Temptation	7 ¹⁷	8 ⁸	7 ⁵	7 ⁴	6 ¹⁰		6 ⁹	9 ⁷	9 ⁸	1 ⁵	1 ²	1 ³	9 ¹		9 ¹	
Cr	se	B	2	Trinity	8 ¹⁹	7 ⁹	7 ⁷	8 ³	7 ¹⁴		6 ¹²	8 ¹¹	5 ⁹	1 ⁷	1 ¹	2 ⁴	6 ³	9 ³		
MM	se	Y	4	Tuxedo	3 ¹⁹	3 ⁷	4 ⁷	4 ⁵	3 ¹²		3 ¹¹	9 ⁸	2 ¹⁰	2 ⁶	1 ²	1 ³	2 ¹	6 ²		
MM	se+	B	2	Venue	6 ³	6 ¹	6 ¹	7 ¹	5 ²		7 ¹	9 ¹	5 ¹			1 ¹				
Sem	sesy	B	1	Vitality	8 ⁵	9 ²	7 ²	8 ¹	7 ²		6 ²	9 ²	5 ¹	1 ²	1 ¹					
MM	se	Y	2	Welcome TSW	6 ⁷	6 ²	7 ⁴	7 ¹	5 ³		6 ⁴	9 ⁴	5 ⁴	1 ²		1 ¹	3 ¹	8 ¹		
Rog	se	W	4	WH 0809	Rp ⁵	0 ²	0 ²	7 ¹	7 ²		7 ²	8 ²	3 ²	1 ²		5 ¹	8 ¹			
MM	se	W	2	White Out	7 ¹²	7 ⁴	7 ⁵	7 ³	6 ⁷		5 ⁶	8 ⁵	6 ³	1 ⁵	1 ¹	2 ³	4 ¹	7 ¹		
Shrunken-2 hybrids																				
IFS	sh2	Y	1	1168	7 ⁴	7 ¹	8 ²	7 ¹	8 ²	Ht	6 ²	9 ²	3 ¹	2 ²		1 ²	9 ¹			
IFS	sh2	Y	1	1169	7 ²	6 ¹	7 ¹		9 ¹		7 ¹	7 ¹		2 ¹		3 ¹				
IFS	sh2	Y	1	1171	6 ⁵	7 ¹	6 ²	5 ²	7 ⁴		5 ²	9 ³	4 ²	4 ²		3 ²	7 ¹			
IFS	sh2	Y	2	1174	7 ⁸	6 ³	7 ³	7 ²	7 ⁵		7 ³	9 ⁴	4 ²	2 ³		1 ²				
IFS	sh2	Y	3	1178	7 ⁹	7 ³	7 ⁴	7 ²	6 ⁶		6 ⁴	9 ⁵	2 ³	2 ⁴		2 ³	7 ¹			
IFS	sh2	Y	3	1179	5 ¹⁰	6 ³	5 ⁴	5 ³	6 ⁵		5 ⁴	8 ⁴	3 ⁴	3 ³	1 ¹	2 ²	7 ¹			
IFS	sh2	Y	4	1181	Rp ⁹	0 ³	5 ³	0 ³	2 ⁶	Ht	4 ⁴	9 ⁵	3 ³	3 ⁴		2 ⁴	6 ¹			
IFS	sh2	Y	4	1183	Rp ⁷	0 ²	5 ²	0 ³	1 ⁵	Ht	4 ³	9 ⁴	1 ³	1 ³		2 ³	3 ¹			

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's					Southern																	
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS	ALB												
IFS	sh2	Y	1	1270	5	2	6	1	4	1	7	1	6	1	8	1	1	1	8	1											
IFS	sh2	Y	2	1274	5	8	5	2	5	3	5	3	4	6	2	4	9	5	3	3	4	4	2	4	8	1					
IFS	sh2	Y	2	1275	6	7	6	2	6	3	6	2	7	5	6	3	9	4	4	2	3	3	2	3							
IFS	sh2	Y	3	1278	6	5	6	1	6	2	7	2	7	4	7	2	9	3	2	2	4	2	2	2	7	1					
IFS	sh2	Y	3	1279	5	5	5	1	6	2	5	2	6	4	7	2	8	3	2	2	3	2	3	2	6	1					
IFS	sh2	Y	4	1280	Rp	12	0	4	5	4	0	4	2	7	Ht	2	5	8	6	1	5	1	5	1	1	1	3	4	1		
IFS	sh2	Y	4	1283	Rp	12	0	4	5	4	0	4	1	7	Ht	2	5	9	6	1	5	2	5	1	1	2	3	4	1		
IFS	sh2	Y	2	1373	6	6	7	1	5	2	6	3	5	5	3	3	9	4	4	3	4	3	1	3	6	1					
IFS	sh2	Y	2	1377	8	5	9	1	8	2	7	2	6	4	4	2	9	3	2	2	2	2	2	2	8	1					
IFS	sh2	Y	2	1472	6	5	6	1	6	2	5	2	6	4	Ht	4	2	8	3	6	2	2	2	2	6	1					
IFS	sh2	Y	2	1575	7	7	7	2	7	3	7	2	5	5	Ht	5	3	9	4	5	3	3	3	2	7	1					
Bas	sh2	Y	4	1735	Rp	5	0	2	5	2	0	1	5	2		3	2	3	2	1	2	2	2	1	1						
IFS	sh2	Y	3	1774	6	2			6	1	6	1	8	1		7	1	7	1	2	1	7	1		8	1	7	1			
IFS	sh2	Y	3	1974	6	2			6	1	6	1	7	1		6	1	9	1	1	1	4	1		1	1	7	1			
IFS	sh2	B	2	2170	7	10	7	3	6	4	7	3	7	5		6	4	9	4	7	4	1	3	1	1	1	2	6	1		
IFS	sh2	B	2	2171	9	2	9	1	8	1			9	1		6	1	9	1	3	1	2	1								
IFS	sh2	B	1	2172	6	5	6	2	7	2	5	1	7	4		6	2	8	3	5	1	2	2		3	2					
IFS	sh2	B	3	2178	Rp	8	0	3	5	3	0	2	2	3	Ht	2	3	8	3	2	3	3	3	1	1	1	1	4	1		
IFS	sh2	B	3	2179	6	8	6	2	5	3	7	3	5	5		3	3	9	4	6	3	3	3	1	1	2	2	8	1		
IFS	sh2	B	4	2180	Rp	5	0	2	5	2	0	1	2	4	Ht	3	2	9	3	1	1	1	2		3	2					
IFS	sh2	B	4	2279	Rp	9	0	3	5	3	0	3	2	6	Ht	3	4	9	5	3	3	1	4		2	4	5	1			
IFS	sh2	B	4	2280	Rp	11	0	4	5	4	0	3	2	7	Ht	3	5	9	6	2	4	1	4		1	4	7	1			
IFS	sh2	B	4	2281	Rp	14	0	5	6	5	0	4	2	8	Ht	2	6	9	7	3	5	1	5	1	1	1	4	5	1		
IFS	sh2	B	3	2477	6	5	7	1	6	2	6	2	7	4	Ht	7	2	8	3	5	2	6	2		2	2	7	1			
IFS	sh2	B	2	2573	7	2	7	1	7	1			9	1		3	1	9	1	3	1	2	1								
IFS	sh2	B	3	2574	5	3	5	1	4	1	5	1	6	2		5	1	8	1	5	1				1	1					
IFS	sh2	B	2	2673	8	2	7	1	8	1			9	1		4	1	8	1	2	1	3	1								
IFS	sh2	W	2	3173	7	15	7	5	7	6	8	4	6	8		5	6	9	7	5	5	4	6	1	2	2	3	7	1		
IFS	sh2	W	3	3175	7	13	7	4	7	5	8	4	7	6		5	5	9	5	5	5	8	4	8	2	8	2	6	1		
IFS	sh2	W	4	3180	Rp	9	0	3	5	3	0	3	2	6	Ht	4	4	8	5	2	3	1	4		2	4	5	1			
IFS	sh2	W	4	3181	Rp	9	0	3	5	3	0	3	2	6	Ht	4	4	9	5	3	3	1	4		2	4	6	1			
IFS	sh2	W	3	3379	6	4	7	1	6	2	4	1	5	2	Ht	4	2	8	2	4	2	1	2		1	1	4	1			
IFS	sh2	W	3	3474	6	6	6	2	6	2	7	2	7	3		5	2	3	2	5	2	4	1	1	1	3	1				
IFS	sh2	B	3	15001	6	2	5	1	7	1			4	2		3	2			3	1	3	1					5	2		
IFS	sh2	Y	1	90570	6	7	7	3	6	3	6	1	8	6		4	4	9	5	5	4	3	1		2	1		8	2		
IFS	sh2	Y	1	170A	5	7	6	2	6	3	4	2	8	6		7	4	9	4	7	2	4	4		3	3	8	1	4	1	
IFS	sh2	Y	2	173A	6	9	6	3	5	4	6	2	7	7		5	5	9	5	4	3	3	5		2	3	6	1	7	1	
IFS	sh2	Y	2	175A	6	7	6	3	7	3	5	1	5	7		4	5	9	5	7	4	3	2		3	1		6	3		
IFS	sh2	Y	3	176A	6	4	6	2	7	2			6	3		5	3	8	3	5	3							6	2		
IFS	sh2	Y	3	177A	6	15	5	6	6	6	6	3	6	8		2	7	9	7	5	7	9	3	8	2	9	1		5	2	
IFS	sh2	Y	3	179A	5	17	5	6	5	7	5	4	5	9		2	8	9	8	6	8	3	4	1	2	1	2	8	1	5	2
IFS	sh2	Y	4	182A	Rp	15	0	5	5	5	0	5	2	9	Ht	2	7	8	9	2	7	3	5	1	2	2	3	4	1	3	1
IFS	sh2	B	1	270A	8	9	7	4	8	4	9	1	7	7		6	5	8	6	3	5	2	2		1	1	9	1	8	1	

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's					Southern				
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS
IFS	sh2	B	1	272A	8 ⁹	8 ⁴	8 ⁴	8 ¹	8 ⁷		6 ⁵	8 ⁶	3 ⁵	1 ²		2 ¹	9 ¹	8 ¹
IFS	sh2	B	2	273A	5 ²⁰	5 ⁸	6 ⁸	5 ⁴	8 ¹²		5 ¹¹	9 ¹⁰	7 ⁹	3 ⁶	1 ²	2 ³	7 ²	5 ³
IFS	sh2	B	2	274A	8 ⁹	8 ³	8 ⁴	8 ²	8 ⁶		6 ⁴	9 ⁵	6 ³	1 ⁴		1 ³	9 ¹	
IFS	sh2	B	2	275A	7 ¹¹	7 ⁴	7 ⁵	8 ²	6 ⁹	Ht	5 ⁷	9 ⁷	6 ⁶	2 ⁴		2 ²	8 ¹	7 ³
IFS	sh2	B	3	276A	5 ⁶	0 ²	7 ⁴		6 ⁸	Ht	6 ⁶	8 ⁶	3 ⁵	2 ³		1 ¹		7 ³
IFS	sh2	B	3	277A	6 ²³	6 ⁸	6 ⁹	7 ⁶	5 ¹⁵		3 ¹²	9 ¹²	4 ¹⁰	3 ⁸	1 ²	2 ⁵	7 ¹	6 ³
IFS	sh2	B	3	278A	7 ¹⁴	6 ⁵	6 ⁶	7 ³	4 ⁹	Ht	3 ⁷	9 ⁸	3 ⁷	2 ⁴	1 ¹	2 ²	7 ¹	5 ²
IFS	sh2	B	4	281A	Rp ¹⁰	0 ⁴	6 ⁴	0 ²	2 ⁷	Ht	3 ⁵	9 ⁵	3 ³	1 ⁵		3 ³	6 ¹	4 ¹
IFS	sh2	B	4	282A	Rp ¹⁷	0 ⁷	5 ⁷	0 ³	2 ¹⁰	Ht	3 ⁸	9 ⁹	3 ⁷	2 ⁵	1 ¹	1 ³	5 ¹	5 ²
IFS	sh2	W	1	372A	8 ⁹	7 ⁴	8 ⁴	9 ¹	7 ⁷		4 ⁵	9 ⁶	3 ⁵	2 ²		3 ¹		6 ²
IFS	sh2	W	2	374A	7 ⁶	7 ³	6 ³		7 ⁴		7 ⁴	8 ⁴	4 ⁴	2 ¹				5 ²
IFS	sh2	W	2	375A	7 ³	7 ¹	7 ¹	8 ¹	5 ⁴	Ht	5 ²	9 ²	7 ¹	3 ²		2 ¹		8 ¹
IFS	sh2	W	3	378A	6 ¹¹	6 ⁴	6 ⁴	7 ³	4 ⁸	Ht	3 ⁶	9 ⁶	3 ⁶	2 ⁴		1 ³	6 ¹	5 ²
IFS	sh2	W	4	382A	Rp ¹⁵	0 ⁶	6 ⁵	0 ⁴	2 ⁹	Ht	3 ⁷	8 ⁷	3 ⁷	2 ⁵	1 ¹	1 ³	5 ¹	5 ²
Sem	sh2	W	4	0870 5770	Rp ¹⁹	0 ⁷	6 ⁷	0 ⁵	5 ¹²		5 ⁹	3 ⁸	6 ⁷	7 ⁷	8 ¹	7 ⁵	5 ¹	6 ²
Sem	sh2	B	3	0870 5788	Rp ¹⁹	0 ⁷	7 ⁷	0 ⁵	6 ¹²		5 ⁹	4 ⁸	5 ⁷	3 ⁷	1 ¹	1 ⁵	8 ¹	7 ²
Sem	sh2	B	4	0876 5391	Rp ⁸	0 ³	0 ³	0 ²	5 ³		5 ³	8 ³	7 ³	3 ³	1 ¹	1 ¹	9 ¹	
Sem	sh2	B	3	0876 7143	Rp ³	0 ¹	0 ¹	0 ¹	3 ²	Ht	5 ¹	9 ¹	4 ¹			3 ¹		
IFS	sh2	Y	4	1183M S34	Rp ³	0 ¹	5 ¹	0 ¹	2 ¹	Ht	3 ¹	4 ¹	2 ¹	3 ¹	1 ¹			
Bas	sh2	Y	5	A 44	8 ³		6 ²	5 ¹	3 ²	Ht	4 ²	8 ²	2 ²	1 ²		1 ¹	6 ¹	
AC	sh2	Y	4	Abco Var 232 Y	Rp ⁶	0 ³	7 ²	0 ¹	4 ³	Ht	2 ³	5 ³	2 ³	2 ²	1 ¹		6 ¹	
AC	sh2	B	3	Abco Var 844 BC	7 ²	8 ¹	6 ¹		4 ¹	Ht	3 ¹	9 ¹	1 ¹	3 ¹				
AC	sh2	W	3	Abco Var 844 W	7 ⁴	7 ¹	7 ²	7 ¹	5 ²	Ht	4 ²	8 ²	3 ²	1 ²		1 ¹	6 ¹	
AC	sh2	Y	3	Abco Var 945 Y	Rp ⁴	0 ²	8 ²		5 ³	Ht	6 ³	9 ¹	6 ²	1 ²				7 ²
AC	sh2	Y	4	ACCede MR Y	Rp ⁵	0 ²	0 ²	6 ¹	1 ²	Ht	5 ²	9 ²	2 ²	2 ²	1 ¹			
AC	sh2	Y	3	ACcelerator	Rp ²	0 ¹	7 ¹		4 ¹	Ht	5 ¹	8 ¹	5 ¹	2 ¹				
AC	sh2	Y	4	ACCensuate	Rp ⁷	0 ³	0 ²	5 ²	3 ⁴	Ht	5 ⁴	8 ⁴	2 ⁴	1 ⁴	1 ¹	1 ²	7 ¹	
AC	sh2+	Y	3	ACCession	9 ⁴	7 ²	8 ²		6 ³	Ht	5 ²	9 ²	5 ²	3 ¹		1 ¹		
AC	sh2	W	3	ACCrue	7 ⁶	7 ²	6 ²	8 ²	9 ³		4 ³	4 ³	6 ³	2 ³	2 ¹	1 ¹		
AC	sh2	B	5	ACR 2055 MRBC	Rp ³	0 ¹	0 ¹	6 ¹	5 ²	Ht	6 ¹	9 ¹	8 ¹			1 ¹		
AC	sh2	B	3	ACX 420	6 ¹	6 ¹			6 ¹		8 ¹	9 ¹	4 ¹					4 ¹
AC	sh2	B	3	ACX 950	6 ²	5 ¹	6 ¹		6 ¹		3 ¹		3 ¹					7 ¹
AC	sh2	B	3	ACX 1027 BC	Rp ³	0 ¹	8 ¹	0 ¹	5 ¹		8 ¹	7 ¹	2 ¹	1 ¹		1 ¹	6 ¹	
AC	sh2	Y	3	ACX 1074 Y	8 ³	8 ²	8 ¹		6 ³	Ht	5 ¹	9 ³		3 ²		3 ¹		
AC	sh2	W	4	ACX 1204 MR W	Rp ⁸	0 ³	0 ³	5 ²	1 ³	Ht	4 ³	8 ³	1 ³	1 ³	1 ¹	1 ¹	6 ¹	
AC	sh2	Y	3	ACX 7038 MR Y	Rp ²	0 ¹	0 ¹		1 ¹	Ht	4 ¹	7 ¹	2 ¹	1 ¹				
AC	sh2+	Y	2	ACX SS 7403 RY	Rp ³	0 ¹	0 ¹	5 ¹	7 ²	Ht	5 ¹	9 ¹	5 ¹			3 ¹		
AC	sh2+	Y	3	ACX SS 7501 Y	5 ³	5 ¹	5 ¹	5 ¹	5 ²		4 ¹	8 ¹	6 ¹			1 ¹		
AC	sh2+	B	3	ACX VAR MS 502 BC	7 ⁸	6 ³	7 ³	7 ²	7 ⁴		7 ³	9 ³	4 ³	2 ²	1 ¹	1 ¹		
AC	sh2+	Y	3	ACX VAR MS 513Y	5 ³	5 ¹	6 ¹	5 ¹	6 ²		5 ¹	8 ¹	6 ¹			1 ¹		
AC	sh2+	Y	3	ACX VAR MS 820 Y	5 ¹²	6 ⁴	6 ⁴	5 ⁴	6 ⁸		4 ⁵	9 ⁶	5 ⁵	3 ⁴	1 ¹	2 ³		
AC	sh2+	Y	3	ACX VAR MS 900 Y	6 ⁹	6 ³	6 ³	5 ³	6 ⁷		5 ⁴	9 ⁵	4 ⁴	2 ³		1 ³		
AC	sh2	W	3	ACX VAR # 7401 MG	5 ³	5 ¹	6 ¹	5 ¹	6 ²		4 ¹	5 ¹	5 ¹			1 ¹		

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's					Southern					
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS	ALB
AC	sh2	Y	4	ACX VAR # 7650 R	Rp ³	0 ¹	6 ¹	0 ¹	2 ²	Ht	4 ¹	9 ¹	2 ¹				1 ¹		
AC	sh2	W	4	ACX VAR # 7701 MG	5 ³	4 ¹	5 ¹	5 ¹	5 ²		3 ¹	1 ¹	5 ¹				3 ¹		
AC	sh2	B	3	ACX VAR # 7802 RBC	6 ³	6 ¹	5 ¹	6 ¹	6 ²		5 ¹	9 ¹	7 ¹				1 ¹		
AC	sh2	W	4	ACX VAR # 7811 MR	Rp ³	0 ¹	0 ¹	6 ¹	5 ²	Ht	5 ¹	9 ¹	7 ¹				1 ¹		
AC	sh2	Y	4	ACX VAR # 7900 R	Rp ³	0 ¹	5 ¹	0 ¹	5 ²	Ht	3 ¹	9 ¹	7 ¹				1 ¹		
AC	sh2+	Y	4	ACX VAR # 7920 MR	Rp ³	0 ¹	0 ¹	5 ¹	3 ²	Ht	7 ¹	8 ¹	3 ¹				1 ¹		
AC	sh2	B	5	ACX VAR # 7922 MRG	Rp ³	0 ¹	0 ¹	5 ¹	5 ²	Ht	5 ¹	8 ¹	5 ¹				1 ¹		
AC	sh2	B	4	ACX VAR # 7932 MRG	Rp ³	0 ¹	0 ¹	8 ¹	5 ²	Ht	4 ¹	9 ¹	8 ¹				1 ¹		
Sdw	sh2	B	3	Aw esome	5 ⁸	5 ³	5 ³	6 ²	6 ⁴		3 ³	9 ³	6 ³	3 ²	1 ¹		1 ¹		
HM	sh2	W	3	Bandero	6 ⁸	6 ³	6 ³	6 ²	8 ⁴		3 ³	3 ³	3 ³	2 ²	1 ¹		1 ¹		
HM	sh2	Y	4	Bandit	Rp ¹⁰	0 ⁶	7 ³	0 ¹	8 ⁶	Ht	6 ⁵	3 ⁴	3 ⁶	2 ²	1 ¹		8 ²	7 ¹	5 ¹
Sem	sh2	Y	4	Basin R	Rp ¹²	0 ⁴	6 ⁴	0 ⁴	6 ⁵		6 ⁵	4 ⁵	4 ⁵	4 ⁵	1 ²		1 ²	6 ¹	
AC	sh2	Y	3	Beyond	Rp ¹²	0 ⁵	5 ⁵	0 ²	4 ¹⁰	Ht	3 ⁸	8 ⁹	2 ⁷	2 ⁶	1 ¹		2 ³	7 ¹	4 ²
Sdw	sh2	B	3	Bicolor Saturn	5 ⁵	4 ³	6 ²		6 ⁴	Ht	3 ⁴	7 ⁵	6 ⁴	3 ¹			9 ¹	4 ¹	
Rog	sh2	B	3	Big Time	Rp ⁸	0 ⁵	6 ³		2 ⁶	Ht	4 ⁵	9 ⁶	6 ⁶	2 ¹			8 ²	4 ¹	
SnRv	sh2	B	3	Bonfire	Rp ³	0 ¹	7 ¹	0 ¹	7 ²		8 ¹	9 ¹	3 ¹				1 ¹		
Rog	sh2	W	3	Boreal	Rp ⁹	0 ⁵	7 ³	0 ¹	2 ⁶	Ht	3 ⁶	9 ⁷	7 ⁶	3 ²	1 ¹		7 ²	4 ¹	
Cr	sh2+	Y	3	Bountiful	7 ⁷	8 ²	7 ³	7 ²	6 ³		7 ³	9 ³	5 ³	1 ³	1 ¹		1 ¹	8 ¹	
Sak	sh2	W	3	Broad Peak	6 ³	5 ¹	7 ¹	5 ¹	8 ²		7 ¹	9 ¹	6 ¹				1 ¹		
HM	sh2	B	3	BS 10984 R	7 ³	7 ¹	7 ¹	7 ¹	3 ²		5 ¹	9 ¹	4 ¹				1 ¹		
Rog	sh2	B	3	BSS 0977 VPA	Rp ¹⁵	0 ⁶	0 ⁶	0 ³	2 ¹⁰	Ht	4 ⁸	9 ⁹	7 ⁷	2 ⁵	1 ¹		1 ³		5 ²
Rog	sh2	B	3	BSS 0982	Rp ¹⁴	0 ⁵	6 ⁵	0 ⁴	7 ⁶		7 ⁵	3 ⁵	4 ⁵	2 ⁴	1 ²		1 ²	7 ¹	
Rog	sh2	B	4	BSS 5362	Rp ²	0 ¹	6 ¹		9 ¹		9 ¹	8 ¹	5 ¹	1 ¹					
Rog	sh2	B	3	BSS 8040	Rp ⁴	0 ²	6 ²		5 ³		2 ²	8 ²	2 ²	1 ¹			1 ¹		
Cr	sh2+	B	4	Bueno	3 ⁸	2 ³	2 ³	5 ²	5 ⁴		3 ³	9 ³	4 ³	3 ²	1 ¹		1 ¹		
Cr	sh2+	Y	4	Bueno yellow	Rp ³	0 ¹	0 ¹	0 ¹	5 ²		5 ¹	9 ¹	5 ¹				1 ¹		
Cr	sh2+	W	4	CAAWF9-381	5 ³	4 ¹	5 ¹	5 ¹	4 ²		4 ¹	9 ¹	3 ¹				1 ¹		
Sem	sh2	Y	3	Challenger	6 ²²	6 ¹²	7 ⁶	6 ⁴	3 ¹⁷	Ht	4 ¹⁷	9 ¹¹	2 ¹²	1 ⁶	1 ¹		1 ⁴	7 ²	6 ¹ 2 ³
IFS	sh2	Y	3	Chieftain	Rp ²	0 ¹	6 ¹		3 ¹				3 ¹						1 ¹
IFS	sh2	B	3	Chieftain BC	Rp ¹	0 ¹			3 ¹		5 ¹	9 ¹	4 ¹					4 ¹	
Rog	sh2	Y	2	Code 905	7 ³	7 ¹	8 ¹	6 ¹	7 ¹		6 ¹	7 ¹	4 ¹	1 ¹	1 ¹				
Rog	sh2	Y	3	Code 907	Rp ³	0 ¹	0 ¹	4 ¹	3 ¹	Ht	4 ¹	9 ¹	4 ¹	3 ¹	1 ¹				
Rog	sh2	Y	4	Code 913	Rp ³	0 ¹	0 ¹	0 ¹	5 ¹	Ht	3 ¹	8 ¹	5 ¹	2 ¹	1 ¹				
Rog	sh2	Y	3	Code 916	6 ³	6 ¹	7 ¹	6 ¹	3 ¹	Ht	3 ¹	9 ¹	1 ¹	2 ¹	1 ¹				
Rog	sh2	Y	4	Code 917	3 ³	3 ¹	3 ¹	3 ¹	3 ¹	Ht	6 ¹	5 ¹	6 ¹	2 ¹	1 ¹				
Rog	sh2	Y	3	Code 919	Rp ³	0 ¹	0 ¹	4 ¹	4 ¹	Ht	6 ¹	9 ¹	6 ¹	3 ¹	1 ¹				
Rog	sh2	Y	2	Code 929	6 ³	6 ¹	6 ¹	6 ¹	6 ¹	Ht	9 ¹	9 ¹	3 ¹	2 ¹	1 ¹				
Rog	sh2	Y	2	Code 930	Rp ¹		0 ¹		3 ¹	Ht	4 ¹	9 ¹	6 ¹	3 ¹	1 ¹				
Rog	sh2	Y	3	Code 931	Rp ³	0 ¹	0 ¹	6 ¹	9 ¹		7 ¹	5 ¹	1 ¹	1 ¹	1 ¹				
Rog	sh2	B	4	Code 933	Rp ³	0 ¹	0 ¹	0 ¹	7 ¹		9 ¹	8 ¹	2 ¹	6 ¹	1 ¹				
Rog	sh2	Y	4	Code 934	Rp ³	0 ¹	0 ¹	3 ¹	5 ¹	Ht	4 ¹	4 ¹	5 ¹	3 ¹	1 ¹				
Rog	sh2	Y	4	Code 938	7 ³	7 ¹	7 ¹	6 ¹	6 ¹		6 ¹	5 ¹	2 ¹	2 ¹	1 ¹				
Rog	sh2	Y	4	Code 940	Rp ³	0 ¹	0 ¹	5 ¹	5 ¹	Ht	8 ¹	5 ¹	3 ¹	6 ¹	1 ¹				

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's				Southern					
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS
Rog	sh2	Y	4	Code 941	7 ³	7 ¹	7 ¹	6 ¹	7 ¹		4 ¹	2 ¹	8 ¹	8 ¹	7 ¹			
Rog	sh2	Y	4	Code 942	Rp ¹		0 ¹		1 ¹		4 ¹	6 ¹	5 ¹	2 ¹	1 ¹			
Rog	sh2	Y	5	Code 944	Rp ³	0 ¹	0 ¹	4 ¹	2 ¹		1 ¹	5 ¹	6 ¹	2 ¹	1 ¹			
Rog	sh2	B	4	Code 951	Rp ³	0 ¹	0 ¹	0 ¹	6 ¹		9 ¹	7 ¹	5 ¹	7 ¹	1 ¹			
Rog	sh2	Y	4	Code 953	Rp ³	0 ¹	7 ¹	0 ¹	5 ¹		2 ¹	9 ¹	1 ¹	2 ¹	1 ¹			
Rog	sh2	W	3	Code 954	Rp ³	0 ¹	5 ¹	0 ¹	3 ¹	Ht	4 ¹	3 ¹	6 ¹	2 ¹	1 ¹			
Rog	sh2	Y	4	Code 959	Rp ³	0 ¹	7 ¹	0 ¹	3 ¹	Ht	4 ¹	3 ¹	5 ¹	2 ¹	1 ¹			
Rog	sh2	B	3	Code 960	Rp ³	0 ¹	3 ¹	0 ¹	3 ¹		2 ¹	7 ¹	1 ¹	1 ¹	1 ¹			
Rog	sh2	Y	4	Code 1002	Rp ³	0 ¹	6 ¹	0 ¹	4 ²	Ht	2 ¹	2 ¹	6 ¹			1 ¹		
Rog	sh2	Y	3	Code 1003	Rp ³	0 ¹	0 ¹	5 ¹	5 ²	Ht	5 ¹	9 ¹	8 ¹			1 ¹		
Rog	sh2	Y	4	Code 1004	Rp ³	0 ¹	5 ¹	0 ¹	4 ²		2 ¹	2 ¹	5 ¹			1 ¹		
Rog	sh2	Y	4	Code 1005	Rp ³	0 ¹	0 ¹	3 ¹	2 ²		6 ¹	4 ¹	3 ¹			1 ¹		
Rog	sh2	Y	3	Code 1011	Rp ³	0 ¹	0 ¹	0 ¹	3 ²	Ht	3 ¹	2 ¹	3 ¹			1 ¹		
Rog	sh2	Y	3	Code 1013	Rp ³	0 ¹	4 ¹	0 ¹	3 ²	Ht	2 ¹	8 ¹	8 ¹			1 ¹		
Rog	sh2	B	3	Code 1014	Rp ³	0 ¹	5 ¹	0 ¹	6 ²		6 ¹	8 ¹	5 ¹			1 ¹		
Rog	sh2	Y	2	Code 1019	3 ³	1 ¹	5 ¹	3 ¹	5 ²		6 ¹	8 ¹	5 ¹			1 ¹		
Rog	sh2	Y	3	Code 1020	5 ³	5 ¹	5 ¹	5 ¹	5 ²		4 ¹	9 ¹	2 ¹			1 ¹		
Rog	sh2	Y	3	Code 1021	Rp ³	0 ¹	5 ¹	0 ¹	4 ²	Ht	2 ¹	9 ¹	5 ¹			1 ¹		
Rog	sh2	Y	2	Code 1022	Rp ³	0 ¹	0 ¹	5 ¹	9 ²		9 ¹	8 ¹	5 ¹			1 ¹		
Rog	sh2	B	3	Code 1023	Rp ³	0 ¹	4 ¹	0 ¹	4 ²	Ht	5 ¹	9 ¹	5 ¹			1 ¹		
Rog	sh2	Y	3	Code 1026	Rp ³	0 ¹	0 ¹	5 ¹	5 ²	Ht	4 ¹	9 ¹	5 ¹			1 ¹		
Rog	sh2	Y	3	Code 1027	Rp ³	0 ¹	0 ¹	4 ¹	4 ²	Ht	3 ¹	9 ¹	8 ¹			1 ¹		
Rog	sh2	Y	4	Code 1028	3 ³	3 ¹	4 ¹	3 ¹	3 ²		6 ¹	4 ¹	5 ¹			1 ¹		
Rog	sh2	Y	4	Code 1029	5 ³	5 ¹	6 ¹	5 ¹	6 ²		6 ¹	8 ¹	5 ¹			1 ¹		
Rog	sh2	Y	4	Code 1030	Rp ³	0 ¹	0 ¹	0 ¹	5 ²	Ht	5 ¹	8 ¹	8 ¹			1 ¹		
Rog	sh2	Y	5	Code 1031	Rp ³	0 ¹	5 ¹	0 ¹	4 ²	Ht	5 ¹	7 ¹	6 ¹			1 ¹		
Rog	sh2	B	5	Code 1032	Rp ³	0 ¹	0 ¹	6 ¹	5 ²		5 ¹	7 ¹	4 ¹			1 ¹		
Rog	sh2	Y	2	Code 1033	5 ³	5 ¹	5 ¹	5 ¹	8 ²		9 ¹	9 ¹	6 ¹			1 ¹		
Rog	sh2	Y	2	Code 1034	5 ³	4 ¹	5 ¹	6 ¹	5 ²		6 ¹	9 ¹	8 ¹			1 ¹		
Rog	sh2	B	4	Code 1036	Rp ³	0 ¹	6 ¹	0 ¹	4 ²		4 ¹	9 ¹	2 ¹			1 ¹		
Rog	sh2	W	3	Code 1037	Rp ³	0 ¹	5 ¹	0 ¹	5 ²	Ht	5 ¹	9 ¹	3 ¹			1 ¹		
Rog	sh2	B	3	Code 1039	Rp ³	0 ¹	4 ¹	0 ¹	5 ²	Ht	5 ¹	8 ¹	5 ¹			3 ¹		
Rog	sh2	B	4	Code Exp 111	Rp ²	0 ¹	0 ¹		7 ¹		9 ¹	6 ¹	4 ¹	4 ¹				
AC	sh2	W	3	Constellation	9 ³	9 ¹	9 ¹	9 ¹	7 ¹		4 ¹	9 ¹	6 ¹	2 ¹	1 ¹			
SnRv	sh2	B	4	Crossfire	Rp ³	0 ¹	6 ¹	0 ¹	7 ²		6 ¹	9 ¹	5 ¹			1 ¹		
Cr	sh2+	Y	4	CSAF9-343	4 ³	4 ¹	5 ¹	4 ¹	5 ²		5 ¹	9 ¹	5 ¹			1 ¹		
Cr	sh2+	Y	4	CSAYP6-225	7 ⁵	6 ²	7 ²	8 ¹	5 ²	Ht	1 ²	9 ²	6 ²	8 ²	8 ¹			
Rog	sh2	B	4	Cupola	5 ⁵	5 ³	6 ²		9 ³		8 ³	8 ¹	5 ³	3 ¹				5 ¹
AC	sh2	W	3	Desert Snow	6 ²	5 ¹	7 ¹		6 ¹		5 ¹	9 ¹	7 ¹	1 ¹				
Sem	sh2	W	5	Devotion	5 ¹⁶	5 ⁵	5 ⁶	5 ⁵	5 ⁹	Ht	5 ⁷	9 ⁸	4 ⁶	3 ⁷	1 ²	2 ⁴	7 ¹	
DM	sh2	Y	2	DMC 21-05	Rp ²	0 ¹	6 ¹		5 ¹	Ht	6 ¹	8 ¹	4 ¹	2 ¹				
DM	sh2	Y	4	DMC 21-84	Rp ¹⁵	0 ⁵	5 ⁵	0 ⁵	5 ⁷	Ht	3 ⁶	5 ⁶	6 ⁶	3 ⁵	1 ²	1 ³	5 ¹	
DM	sh2	Y	5	DMC 22-85	Rp ⁹	0 ³	5 ³	0 ³	6 ⁴		4 ⁴	2 ⁴	6 ¹	3 ⁴	1 ¹	1 ²	4 ¹	

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's					Southern				
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS
DM	sh2	Y	2	DMX 21-06	Rp ³	0 ¹	0 ¹	0 ¹	7 ²	Ht	5 ¹	1 ¹	5 ¹			1 ¹		
DM	sh2	Y	3	DMX 21-88	Rp ³	0 ¹	4 ¹	0 ¹	5 ²	Ht	4 ¹	1 ¹	5 ¹			1 ¹		
IFS	sh2	B	2	Eagle	5 ²	5 ²			5 ²		3 ¹		5 ¹					4 ²
IFS	sh2	Y	3	Early Illini	8 ²	8 ²			5 ²		6 ²	9 ²	5 ²				9 ¹	4 ¹
IFS	sh2	B	3	Early Illini BC	7 ²	7 ²			5 ²		6 ²	9 ²	5 ²				9 ¹	6 ¹
SnRv	sh2	W	3	Everest	6 ¹²	6 ⁴	6 ⁵	6 ³	7 ⁹		7 ⁷	9 ⁶	4 ⁶	2 ⁶	1 ¹	1 ³	6 ¹	5 ²
Sem	sh2sy	Y	2	EX 0841 3049	6 ⁹	6 ²	7 ³	5 ⁴	5 ⁶		5 ⁴	9 ⁵	6 ⁴	1 ⁴	1 ¹	2 ³	6 ¹	
Sem	sh2	B	3	EX 0874 5857	Rp ⁶	0 ²	0 ²	4 ²	3 ²	Ht	4 ²	8 ²	7 ²	3 ²	1 ¹	1 ¹	7 ¹	
Sem	sh2	B	3	EX 0874 6057	Rp ⁶	0 ²	0 ²	4 ²	3 ²	Ht	4 ²	7 ²	7 ²	5 ²	1 ¹	1 ¹	7 ¹	
IFS	sh2	Y	1	Extra Early Super Sweet	8 ⁴	7 ³	9 ¹		9 ³		9 ³	8 ²	7 ³	1 ¹			9 ¹	
IFS	sh2	B	2	Fantastic	7 ⁷	8 ²	7 ³	7 ²	7 ⁵		4 ³	9 ⁴	4 ³	4 ³		2 ²	9 ¹	
IFS	sh2	Y	5	Florida Staysweet	8 ¹³	8 ¹³			3 ¹³		3 ¹⁴	9 ²	3 ⁶				8 ²	3 ⁵
Cr	sh2	Y	4	Fortitude	Rp ¹⁵	0 ⁵	6 ⁵	0 ⁵	3 ⁷	Ht	6 ⁶	9 ⁶	5 ⁶	2 ⁵	1 ²	1 ³	8 ¹	
Cr	sh2	B	4	Fortitude BC	Rp ³	0 ¹	6 ¹	0 ¹	2 ²	Ht	7 ¹	9 ¹	7 ¹			1 ¹		
IFS	sh2	Y	2	Fortune	Rp ⁴	0 ⁴			4 ⁴		4 ³		2 ³					3 ²
SnRv	sh2	Y	4	Galaxy	Rp ¹⁴	0 ⁵	7 ⁵	0 ⁴	5 ⁶	Ht	6 ⁵	9 ⁵	4 ⁵	1 ⁴	1 ²	1 ²	6 ¹	
Rog	sh2	Y	3	Garrison	Rp ¹⁴	0 ⁵	0 ⁵	0 ⁴	2 ⁶	Ht	2 ⁵	2 ⁵	4 ⁵	2 ⁴	1 ²	1 ²	7 ¹	
SnRv	sh2	Y	5	Gladiator	Rp ²	0 ¹	4 ¹		3 ¹	Ht	3 ¹	7 ¹		1 ¹		1 ¹		
SnRv	sh2	Y	4	Goldensweet Improved	Rp ⁶	0 ²	5 ³	0 ¹	6 ⁶		8 ⁴	8 ⁵	2 ²	3 ³		3 ²		7 ¹
GG	sh2	Y	4	Green Giant Code 39	3 ⁷	3 ⁴	4 ³		5 ⁵		5 ⁴	8 ⁵	4 ⁵	1 ¹			9 ¹	6 ¹ 5 ¹
GG	sh2	Y	3	Green Giant Code 107	Rp ⁹	0 ⁴	6 ⁴	0 ¹	4 ⁷		3 ⁵	9 ⁴	3 ³	2 ⁴		4 ²		6 ²
GG	sh2	Y	2	Green Giant Code 177	Rp ⁸	0 ³	7 ³	0 ²	5 ³	Ht	5 ³	8 ³	6 ³	2 ³	1 ¹	1 ¹	8 ¹	
GG	sh2	Y	4	Green Giant Code 179	Rp ⁸	0 ³	3 ³	0 ²	5 ³		5 ³	8 ³	6 ³	1 ³	1 ¹	1 ¹	7 ¹	
GG	sh2	Y	4	Green Giant Code 189	Rp ³	0 ¹	0 ¹	2 ¹	5 ²		4 ²	9 ²	6 ²	3 ²		1 ¹	7 ¹	
GG	sh2	Y	4	Green Giant Code 202	Rp ¹¹	0 ⁴	0 ⁴	2 ³	4 ⁵		4 ⁴	6 ⁴	3 ⁴	2 ³	1 ²	1 ¹		
GG	sh2	Y	4	Green Giant Code 215	Rp ⁸	0 ³	0 ³	3 ²	5 ⁴		6 ³	6 ³	2 ³	2 ²	1 ¹	3 ¹		
GG	sh2	Y	4	Green Giant Code 216	Rp ⁸	0 ³	0 ³	5 ²	5 ⁴		4 ³	8 ³	5 ³	2 ²	1 ¹	3 ¹		
GG	sh2	W	4	Green Giant Code 217	Rp ⁵	0 ²	5 ²	0 ¹	7 ²		6 ²	9 ²	3 ²	2 ²	1 ¹			
GG	sh2	Y	2	Green Giant Code 221	Rp ⁶	0 ²	0 ²	0 ²	5 ³		7 ²	9 ²	7 ²	2 ¹	1 ¹	1 ¹		
GG	sh2	Y	2	Green Giant Code 222	Rp ⁶	0 ²	0 ²	3 ²	5 ³	Ht	5 ²	9 ²	6 ²	2 ¹	1 ¹	1 ¹		
GG	sh2	W	4	Green Giant Code 227	Rp ⁶	0 ²	0 ²	2 ²	5 ³		6 ²	7 ²	3 ²	2 ¹	1 ¹	1 ¹		
GG	sh2	W	5	Green Giant Code 228	Rp ³	0 ¹	4 ¹	0 ¹	5 ²		5 ¹	8 ¹	3 ¹			1 ¹		
GG	sh2	Y	2	Green Giant Code 229	Rp ³	0 ¹	5 ¹	0 ¹	5 ²		4 ¹	9 ¹	3 ¹			1 ¹		
GG	sh2	Y	4	Green Giant Code 230	Rp ³	0 ¹	0 ¹	3 ¹	6 ²		4 ¹	8 ¹	5 ¹			1 ¹		
GG	sh2	B	4	Green Giant Code 231	Rp ³	0 ¹	0 ¹	0 ¹	5 ²		3 ¹	9 ¹	4 ¹			1 ¹		
GG	sh2	B	3	Green Giant Code 235	Rp ³	0 ¹	4 ¹	0 ¹	5 ²		4 ¹	7 ¹	4 ¹			1 ¹		
GG	sh2	B	2	Green Giant Code 236	Rp ³	0 ¹	5 ¹	0 ¹	4 ²	Ht	5 ¹	9 ¹	5 ¹			1 ¹		
GG	sh2	B	4	Green Giant Code 237	Rp ³	0 ¹	0 ¹	2 ¹	6 ²		5 ¹	6 ¹	2 ¹			1 ¹		
GG	sh2	B	5	Green Giant Code 701	Rp ⁵	0 ²	5 ²	0 ¹	5 ⁴		5 ²	8 ³	3 ²	1 ²		2 ¹		
Rog	sh2	Y	3	GSS 0951	Rp ³	0 ¹	0 ¹	4 ¹	4 ¹	Ht	5 ¹	9 ¹	2 ¹	3 ¹	1 ¹			
Rog	sh2	Y	4	GSS 0952	Rp ³	0 ¹	0 ¹	4 ¹	2 ¹	Ht	5 ¹	9 ¹	8 ¹	3 ¹	1 ¹			
Rog	sh2	Y	3	GSS 0966 A	Rp ¹²	0 ⁶	0 ⁵	5 ¹	2 ⁷	Ht	4 ⁷	9 ⁷	7 ⁶	3 ³	1 ¹	1 ¹	7 ¹	5 ²
Rog	sh2	Y	3	GSS 1477	Rp ¹²	0 ⁴	5 ⁴	0 ⁴	3 ⁶	Ht	4 ⁵	3 ⁵	3 ⁵	1 ⁴	1 ¹	1 ³	7 ¹	

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's					Southern				
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS
Rog	sh2	Y	4	GSS 2181	Rp ³	0 ¹	5 ¹	0 ¹	3 ²	Ht	4 ¹	3 ¹	5 ¹			1 ¹		
Rog	sh2	Y	4	GSS 2259 P	Rp ⁶	0 ²	0 ²	5 ²	5 ³	Ht	3 ²	3 ²	6 ²	5 ¹	1 ¹	1 ¹		
Rog	sh2	Y	4	GSS 4644	5 ⁹	4 ⁵	5 ³	5 ¹	3 ⁵	Ht	5 ⁵	9 ²	3 ⁴	6 ²	1 ¹		5 ¹	1 ²
Rog	sh2	Y	2	GSS 5610	7 ³	6 ¹	6 ¹	8 ¹	6 ¹	Ht	7 ¹	8 ¹	2 ¹	2 ¹	1 ¹			
Rog	sh2	Y	3	GSS 5649	Rp ¹¹	0 ⁴	6 ⁴	0 ³	4 ⁵	Ht	6 ⁴	3 ⁴	5 ⁴	2 ³	1 ²	1 ¹		
Rog	sh2	Y	4	GSS 5698	Rp ⁵	0 ²	6 ²	0 ¹	4 ²	Ht	4 ²	9 ²	3 ²	2 ²	1 ¹			
Rog	sh2	Y	4	GSS 5729	Rp ⁶	0 ²	0 ²	0 ²	5 ³		5 ²	6 ²	5 ²	2 ¹	1 ¹	1 ¹		
Rog	sh2	Y	4	GSS 5763	6 ³	5 ¹	7 ¹	5 ¹	6 ²		3 ¹	2 ¹	6 ¹			9 ¹		
Rog	sh2	Y	5	GSS 6352	Rp ³	0 ¹	7 ¹	0 ¹	2 ¹	Ht	5 ¹	3 ¹	5 ¹	2 ¹	1 ¹			
Rog	sh2	Y	2	GSS 7158	Rp ³	0 ¹	0 ¹	0 ¹	5 ¹	Ht	3 ¹	4 ¹	3 ¹	1 ¹	3 ¹			
Rog	sh2	Y	2	GSS 7314	7 ⁵	9 ²	7 ²	7 ¹	9 ²		6 ²	9 ²	7 ²	2 ²	1 ¹			
Rog	sh2	Y	4	GSS 7568	Rp ⁶	0 ²	7 ²	0 ²	7 ³		6 ²	3 ²	6 ²	2 ¹	1 ¹	1 ¹		
Rog	sh2	Y	4	GSS 7627	Rp ⁵	0 ²	6 ²	0 ¹	5 ²		3 ²	9 ²	3 ²	2 ²	1 ¹			
Rog	sh2	Y	3	GSS 7831	Rp ⁴	0 ¹	6 ³		5 ¹		6 ¹	9 ¹	5 ¹	3 ¹				5 ¹
Rog	sh2	Y	5	GSS 8357	Rp ⁹	0 ⁴	6 ⁴	0 ¹	2 ⁷	Ht	3 ⁵	9 ⁴	7 ³	1 ⁴		2 ²	5 ²	
Rog	sh2	Y	5	GSS 8388	Rp ⁵	0 ²	6 ²	0 ¹	2 ⁵	Ht	6 ³	9 ³	6 ²	4 ³		2 ¹	4 ¹	
Rog	sh2	Y	4	GSS 8529	6 ⁸	6 ³	6 ³	7 ²	5 ⁵		3 ³	3 ⁴	6 ³	3 ³	1 ¹	4 ¹		
Rog	sh2	Y	3	GSS 9299	Rp ⁸	0 ⁵	6 ³		4 ⁵	Ht	3 ⁴	9 ⁴	4 ⁵	2 ¹		8 ²	4 ¹	
Rog	sh2	Y	5	GSS-0974-c	Rp ³	0 ¹	0 ¹	5 ¹	2 ¹	Ht	4 ¹	6 ¹	1 ¹	4 ¹	1 ¹			
SnRv	sh2	B	1	HB 0192 OJ	Rp ⁸	0 ³	7 ³	0 ²	9 ³		7 ³	9 ³	3 ³	1 ³	1 ¹	1 ¹	5 ¹	
SnRv	sh2	B	4	HB 1635 OP	Rp ⁶	0 ²	8 ²	0 ²	6 ³		7 ²	9 ²	5 ²	2 ¹	1 ¹	1 ¹		
SnRv	sh2	B	4	HB 2340 OQ	Rp ³	0 ¹	6 ¹	0 ¹	8 ²		8 ¹	9 ¹	4 ¹			1 ¹		
SnRv	sh2	B	3	HB 2450 OM	Rp ⁴	0 ¹	7 ²	0 ¹	7 ²		7 ²	9 ²	5 ²	2 ²	1 ¹			
SnRv	sh2	B	4	HB 2622 OM	Rp ⁵	0 ²	7 ²	0 ¹	7 ²		8 ²	9 ²	5 ²	2 ²	1 ¹			
SnRv	sh2	B	4	HB 2630 OM	Rp ⁷	0 ²	7 ³	0 ²	6 ³		7 ³	9 ³	3 ³	1 ³	1 ²			
SnRv	sh2	B	4	HB 2642 OM	Rp ⁸	0 ³	6 ³	0 ²	7 ⁴		8 ³	8 ³	3 ³	2 ²	1 ¹	1 ¹		
SnRv	sh2	B	5	HB 4828 LN	Rp ⁷	0 ²	5 ³	0 ²	5 ⁴		7 ³	9 ³	3 ³	2 ²	1 ¹	3 ¹		
Rog	sh2	W	4	Heavenly	Rp ⁸	0 ³	6 ³	0 ²	7 ⁴		6 ³	3 ³	4 ³	2 ²	1 ¹	1 ¹		
IFS	sh2	B	2	Heavyw eight	9 ²	9 ²			8 ²		5 ¹		5 ¹					6 ²
HM	sh2	B	3	HMX 0359 BS	6 ³	5 ¹	6 ¹	6 ¹	2 ²		5 ¹	9 ¹	3 ¹			1 ¹		
HM	sh2	B	3	HMX 0365 BS	6 ³	6 ¹	6 ¹	5 ¹	5 ²		4 ¹	8 ¹	5 ¹			3 ¹		
HM	sh2	W	4	HMX 1368 WS	Rp ¹¹	0 ⁴	6 ⁴	0 ³	7 ⁵		4 ⁴	3 ⁴	2 ⁴	1 ³	1 ¹	1 ²	1 ¹	
HM	sh2	Y	3	HMX 6386 S	Rp ¹⁴	0 ⁵	0 ⁵	6 ⁴	5 ⁶	Ht	4 ⁵	3 ⁵	4 ⁵	8 ⁴	8 ²	9 ²		
HM	sh2su	Y	3	HMX 7368 S	5 ⁸	5 ³	5 ³	5 ²	5 ⁴		6 ³	9 ³	4 ³	1 ²	1 ¹	1 ¹		
HM	sh2	Y	4	HMX 7389 S	Rp ¹¹	0 ⁴	0 ⁴	0 ³	4 ⁵		5 ⁴	9 ⁴	4 ⁴	5 ³	1 ²	1 ¹		
HM	sh2	Y	2	HMX 8342 S	7 ⁴	6 ²	5 ²		5 ³	Ht	6 ²	9 ²	5 ²	1 ¹		1 ¹		
HM	sh2	B	3	HMX 8343 BS	5 ⁸	5 ³	5 ³	5 ²	7 ⁴	Ht	5 ³	9 ³	6 ³	2 ²	1 ¹	1 ¹		
HM	sh2	Y	3	HMX 8346 S	5 ⁵	6 ²	5 ²	6 ¹	3 ²		4 ²	9 ²	3 ²	1 ²	1 ¹			
HM	sh2	W	3	HMX 9347 WS	6 ⁶	6 ²	6 ²	6 ²	2 ³		5 ²	9 ²	3 ²	2 ¹	1 ¹	3 ¹		
HM	sh2	W	4	HMX 9349 WS	7 ⁶	7 ²	8 ²	7 ²	1 ³	Ht	5 ²	9 ²	2 ²	2 ¹	1 ¹	1 ¹		
HM	sh2	B	3	HMX 9350 S	Rp ³	0 ¹	0 ¹	9 ¹	7 ¹		6 ¹	3 ¹	3 ¹	3 ¹	1 ¹			
HM	sh2	B	3	HMX 9352 BS	6 ³	6 ¹	5 ¹	7 ¹	4 ²		4 ¹	9 ¹	5 ¹			1 ¹		
HM	sh2	Y	4	HMX 9352 S	5 ³	5 ²	6 ¹		5 ¹		7 ³		3 ¹					

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's				Southern						
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS	ALB
HM	sh2	B	3	HMX 9353 BS	8 ⁶	8 ²	7 ²	9 ²	2 ³		6 ²	9 ²	4 ²	2 ¹	1 ¹	3 ¹			
HM	sh2	Y	3	HMX 9355 S	Rp ³	0 ¹	0 ¹	5 ¹	1 ²	Ht	4 ¹	2 ¹	3 ¹			1 ¹			
HM	sh2	B	3	HMX 9357 BS	Rp ³	0 ¹	0 ¹	0 ¹	8 ²	Ht	4 ¹	2 ¹	3 ¹			1 ¹			
HM	sh2	Y	2	HMX 9386 S	Rp ⁶	0 ²	5 ²	0 ²	5 ³		7 ²	3 ²	2 ²	6 ¹	1 ¹	1 ¹			
HM	sh2	Y	3	HMX 9388 S	Rp ⁶	0 ²	0 ²	0 ²	2 ³	Ht	2 ²	9 ²	3 ²	4 ¹	1 ¹	1 ¹			
HM	sh2	Y	4	HMX 9389 S	Rp ⁶	0 ²	0 ²	0 ²	1 ³	Ht	6 ²	2 ²	3 ²	6 ¹	1 ¹	1 ¹			
HM	sh2	Y	4	HMX 9390 S	Rp ⁶	0 ²	4 ²	0 ²	1 ³	Ht	6 ²	3 ²	2 ²	3 ¹	1 ¹	3 ¹			
HM	sh2	Y	4	HMX 9391 S	Rp ⁶	0 ²	0 ²	0 ²	2 ³		6 ²	3 ²	5 ²	5 ¹	2 ¹	1 ¹			
HM	sh2	Y	4	HMX 9392 S	Rp ⁶	0 ²	0 ²	0 ²	2 ³		4 ²	4 ²	4 ²	1 ¹	1 ¹	1 ¹			
HM	sh2	Y	4	HMX 9393 S	Rp ⁶	0 ²	5 ²	0 ²	2 ³		6 ²	4 ²	3 ²	4 ¹	1 ¹	1 ¹			
HM	sh2	Y	3	HMX 9394 S	Rp ⁶	0 ²	6 ²	0 ²	1 ³	Ht	5 ²	2 ²	3 ²	3 ¹	1 ¹	1 ¹			
Cr	sh2	B	5	Holiday	Rp ²⁰	0 ⁷	6 ⁷	0 ⁶	1 ¹¹	Ht	3 ⁸	9 ⁹	2 ⁷	1 ⁷	1 ²	2 ⁵	6 ¹		
Sem	sh2	B	4	Hollyw ood	Rp ¹⁸	0 ⁷	6 ⁷	0 ⁴	6 ¹²		5 ¹⁰	9 ¹⁰	6 ⁸	4 ⁷	1 ¹	3 ⁴	8 ¹	5 ³	
IFS	sh2	B	3	Honey and Pearl	6 ⁹	6 ⁶	6 ²	5 ¹	6 ⁸		4 ⁴	9 ³	4 ⁴	2 ²		3 ¹			5 ¹
Cr	sh2	W	5	How Sw eet It Is	6 ²⁶	6 ¹⁶	7 ⁶	6 ⁴	5 ²¹		4 ¹⁸	8 ¹¹	4 ¹³	5 ⁵	1 ¹	1 ³	7 ²	5 ³	3 ⁵
SnRv	sh2	W	4	HW 1287 NF	7 ²	6 ¹	7 ¹		7 ²		5 ²		3 ¹	3 ¹					6 ²
SnRv	sh2	W	4	HW 1622 OP	Rp ⁶	0 ²	6 ²	0 ²	4 ³		5 ²	9 ²	2 ²	4 ¹	1 ¹	1 ¹			
SnRv	sh2	W	4	HW 2545 OM	Rp ⁷	0 ²	6 ³	0 ²	5 ³	Ht	5 ³	6 ³	4 ³	5 ³	2 ²				
SnRv	sh2	Y	4	HY 0850 ON	5 ⁵	4 ²	6 ³		3 ⁴	Ht	6 ³	9 ³	3 ³	3 ²	1 ¹	1 ¹			
SnRv	sh2	Y	4	HY 0882 OP	Rp ⁶	0 ²	8 ²	0 ²	6 ³	Ht	8 ²	8 ²	4 ²	2 ¹	1 ¹	1 ¹			
SnRv	sh2	Y	2	HY 1027 OP	4 ⁶	5 ²	5 ²	4 ²	3 ³	Ht	5 ²	9 ²	4 ²	2 ¹	1 ¹	1 ¹			
SnRv	sh2	Y	1	HY 1089 OM	Rp ⁸	0 ³	6 ³	0 ²	5 ⁵	Ht	8 ⁴	9 ⁴	6 ⁴	2 ³	2 ²	1 ¹			
SnRv	sh2	Y	2	HY 1122 OP	Rp ³	0 ¹	7 ¹	0 ¹	8 ¹		8 ¹	9 ¹	6 ¹	2 ¹	1 ¹				
SnRv	sh2	Y	4	HY 1312 OR	3 ³	3 ¹	4 ¹	3 ¹	6 ²		4 ¹	9 ¹	5 ¹			1 ¹			
SnRv	sh2	Y	3	HY 1656 ON	Rp ⁶	0 ²	7 ²	0 ²	7 ³		9 ²	9 ³	7 ²	2 ²	1 ¹				
SnRv	sh2	Y	4	HY 2027 OQ	Rp ³	0 ¹	7 ¹	0 ¹	7 ²		4 ¹	9 ¹	8 ¹			1 ¹			
SnRv	sh2	Y	4	HY 2036 OQ	Rp ³	0 ¹	5 ¹	0 ¹	6 ²		6 ¹	7 ¹	4 ¹			1 ¹			
SnRv	sh2	Y	4	HY 2163 OQ	Rp ³	0 ¹	7 ¹	0 ¹	7 ²		9 ¹	9 ¹	7 ¹			1 ¹			
SnRv	sh2	Y	4	HY 2235 OQ	Rp ³	0 ¹	8 ¹	0 ¹	7 ²		9 ¹	8 ¹	8 ¹			1 ¹			
SnRv	sh2	Y	4	HY 2358 OQ	4 ³	3 ¹	6 ¹	3 ¹	3 ²		4 ¹	9 ¹	5 ¹			1 ¹			
SnRv	sh2	Y	4	HY 2786 OR	Rp ³	0 ¹	0 ¹	0 ¹	6 ²		5 ¹	8 ¹	6 ¹			1 ¹			
SnRv	sh2	Y	4	HY 2789 OR	Rp ³	0 ¹	6 ¹	0 ¹	4 ²	Ht	7 ¹	3 ¹	6 ¹			3 ¹			
SnRv	sh2	Y	4	HY 2795 OR	Rp ³	0 ¹	0 ¹	0 ¹	7 ²	Ht	6 ¹	9 ¹	7 ¹			3 ¹			
SnRv	sh2	Y	4	HY 2797 OR	Rp ³	0 ¹	6 ¹	0 ¹	8 ²		6 ¹	4 ¹	6 ¹			3 ¹			
Adv	sh2	Y	6	Hybrix 3	4 ³	4 ¹	5 ¹	4 ¹	7 ²		7 ¹	7 ¹	2 ¹			3 ¹			
Adv	sh2	Y	6	Hybrix 5	Rp ³	0 ¹	4 ¹	0 ¹	5 ²		5 ¹	9 ¹	1 ¹			1 ¹			
Adv	sh2	Y	6	Hybrix 49	3 ³	3 ¹	5 ¹	2 ¹	6 ²		6 ¹	7 ¹	1 ¹			1 ¹			
Adv	sh2	Y	6	Hybrix 51	4 ³	3 ¹	5 ¹	3 ¹	4 ²		6 ¹	1 ¹	1 ¹			3 ¹			
HM	sh2	W	3	Ice Queen	Rp ¹¹	0 ⁶	8 ³	0 ²	7 ⁷		4 ⁶	2 ⁵	5 ⁷	1 ³	1 ¹	1 ¹	6 ¹	5 ²	7 ¹
HM	sh2	W	3	Iceberg	7 ¹¹	7 ³	8 ⁴	7 ⁴	5 ⁵		4 ⁵	4 ⁵	3 ⁵	3 ⁴	1 ²	1 ²	9 ¹		
IFS	sh2	Y	2	IFS1 1	Rp ³	0 ¹	0 ¹	6 ¹	9 ²		3 ¹	9 ¹	8 ¹			1 ¹			
IFS	sh2	Y	2	IFS1 2	Rp ³	0 ¹	0 ¹	0 ¹	9 ²		4 ¹	9 ¹	8 ¹			1 ¹			
IFS	sh2	Y	2	IFS1 3	Rp ³	0 ¹	0 ¹	0 ¹	9 ²		5 ¹	9 ¹	7 ¹			1 ¹			

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's					Southern				
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS
IFS	sh2	Y	2	IFSI 4	Rp ³	0 ¹	0 ¹	5 ¹	8 ²		5 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	Y	2	IFSI 5	Rp ³	0 ¹	0 ¹	0 ¹	7 ²		4 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	Y	2	IFSI 6	Rp ³	0 ¹	0 ¹	0 ¹	7 ²		4 ¹	9 ¹	8 ¹			1 ¹		
IFS	sh2	Y	2	IFSI 7	Rp ³	0 ¹	0 ¹	0 ¹	7 ²		5 ¹	2 ¹	5 ¹			1 ¹		
IFS	sh2	Y	2	IFSI 8	Rp ³	0 ¹	0 ¹	0 ¹	7 ²		5 ¹	3 ¹	6 ¹			1 ¹		
IFS	sh2	Y	3	IFSI 9	Rp ³	0 ¹	0 ¹	0 ¹	7 ²		5 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	Y	3	IFSI 10	Rp ³	0 ¹	0 ¹	0 ¹	8 ²		4 ¹	8 ¹	5 ¹			1 ¹		
IFS	sh2	Y	3	IFSI 11	Rp ³	0 ¹	0 ¹	0 ¹	7 ²		4 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	Y	3	IFSI 12	Rp ³	0 ¹	0 ¹	0 ¹	7 ²		5 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	Y	3	IFSI 13	Rp ³	0 ¹	0 ¹	0 ¹	6 ²	Ht	5 ¹	9 ¹	8 ¹			1 ¹		
IFS	sh2	Y	3	IFSI 14	Rp ³	0 ¹	0 ¹	0 ¹	5 ²	Ht	3 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	Y	3	IFSI 15	Rp ³	0 ¹	0 ¹	0 ¹	6 ²	Ht	4 ¹	9 ¹	8 ¹			1 ¹		
IFS	sh2	Y	3	IFSI 16	Rp ³	0 ¹	0 ¹	0 ¹	7 ²	Ht	4 ¹	9 ¹	8 ¹			1 ¹		
IFS	sh2	Y	3	IFSI 17	Rp ³	0 ¹	0 ¹	7 ¹	8 ²		4 ¹	2 ¹	7 ¹			1 ¹		
IFS	sh2	Y	4	IFSI 18	Rp ³	0 ¹	0 ¹	0 ¹	6 ²		4 ¹	9 ¹	6 ¹			1 ¹		
IFS	sh2	Y	4	IFSI 19	Rp ³	0 ¹	4 ¹	0 ¹	4 ²	Ht	2 ¹	9 ¹	7 ¹			1 ¹		
IFS	sh2	Y	4	IFSI 20	Rp ³	0 ¹	4 ¹	0 ¹	5 ²	Ht	3 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	B	1	IFSI 21	Rp ³	0 ¹	0 ¹	0 ¹	5 ²		5 ¹	9 ¹	3 ¹			1 ¹		
IFS	sh2	B	3	IFSI 22	Rp ³	0 ¹	0 ¹	0 ¹	8 ²		5 ¹	9 ¹	6 ¹			1 ¹		
IFS	sh2	B	3	IFSI 23	Rp ³	0 ¹	0 ¹	0 ¹	8 ²		5 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	B	3	IFSI 24	Rp ³	0 ¹	0 ¹	7 ¹	8 ²		6 ¹	9 ¹	6 ¹			1 ¹		
IFS	sh2	B	3	IFSI 25	Rp ³	0 ¹	0 ¹	6 ¹	9 ²		5 ¹	9 ¹	3 ¹			3 ¹		
IFS	sh2	B	3	IFSI 26	Rp ³	0 ¹	0 ¹	0 ¹	8 ²		7 ¹	9 ¹	3 ¹			1 ¹		
IFS	sh2	B	3	IFSI 27	Rp ³	0 ¹	0 ¹	0 ¹	7 ²	Ht	5 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	B	3	IFSI 28	Rp ³	0 ¹	0 ¹	0 ¹	6 ²	Ht	6 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	B	3	IFSI 29	Rp ³	0 ¹	0 ¹	0 ¹	9 ²		5 ¹	9 ¹	7 ¹			1 ¹		
IFS	sh2	B	3	IFSI 30	Rp ³	0 ¹	6 ¹	0 ¹	7 ²		3 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	B	3	IFSI 31	Rp ³	0 ¹	6 ¹	0 ¹	4 ²	Ht	5 ¹	9 ¹	4 ¹			5 ¹		
IFS	sh2	B	3	IFSI 32	4 ³	5 ¹	5 ¹	3 ¹	2 ²		6 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	B	3	IFSI 33	5 ³	5 ¹	6 ¹	5 ¹	2 ²		6 ¹	9 ¹	3 ¹			1 ¹		
IFS	sh2	B	4	IFSI 34	Rp ³	0 ¹	0 ¹	0 ¹	4 ²	Ht	2 ¹	9 ¹	6 ¹			1 ¹		
IFS	sh2	W	3	IFSI 35	Rp ³	0 ¹	0 ¹	7 ¹	6 ²	Ht	4 ¹	9 ¹	8 ¹			1 ¹		
IFS	sh2	W	3	IFSI 36	Rp ³	0 ¹	0 ¹	0 ¹	5 ²		6 ¹	9 ¹	5 ¹			1 ¹		
IFS	sh2	W	3	IFSI 37	Rp ³	0 ¹	0 ¹	6 ¹	5 ²		5 ¹	9 ¹	3 ¹			1 ¹		
IFS	sh2	W	3	IFSI 38	Rp ³	0 ¹	0 ¹	5 ¹	6 ²	Ht	4 ¹	9 ¹	5 ¹			3 ¹		
IFS	sh2	W	4	IFSI 39	6 ³	6 ¹	6 ¹	6 ¹	4 ²		5 ¹	6 ¹	5 ¹			1 ¹		
IFS	sh2	Y	5	Illini Extra-Sweet	7 ³	7 ²	7 ¹		6 ²		4 ²	9 ²	5 ²	1 ¹				6 ¹
AC	sh2	W	3	Imperial Snow	7 ²	7 ¹	7 ¹		6 ¹		4 ¹	9 ¹	4 ¹	1 ¹				
Cr	sh2	Y	5	Juggernaut	Rp ⁷	0 ²	2 ³	0 ²	5 ⁴		4 ³	9 ³	2 ³	2 ²	1 ¹	1 ¹		
Sak	sh2	W	3	K2-501R	7 ²	7 ¹	6 ¹		6 ¹		4 ¹	9 ¹	7 ¹	1 ¹				
Sak	sh2	B	3	K7-318	Rp ³	0 ¹	6 ¹	0 ¹	5 ¹		4 ¹	9 ¹	4 ¹	2 ¹	1 ¹			
Rog	sh2	Y	3	Krispy King	7 ⁷	7 ⁴	7 ³		5 ³		7 ⁵	9 ¹	7 ³	3 ¹				7 ¹
SnRv	sh2	Y	5	Lancaster	Rp ¹¹	0 ⁴	6 ⁴	0 ³	4 ⁷	Ht	7 ⁵	8 ⁶	2 ⁴	1 ⁵		1 ⁴	6 ¹	

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's					Southern					
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS	ALB
Rog	sh2	B	3	Legion	Rp ¹¹	0 ⁴	0 ⁴	0 ³	1 ⁵	Ht	3 ⁴	2 ⁴	3 ⁴	2 ³	1 ²	1 ¹			
Sem	sh2	B	4	Madonna R	7 ⁵	8 ²	7 ²	5 ¹	8 ⁴		5 ²	9 ³	4 ²	2 ²		2 ¹			
Rog	sh2	Y	5	Magnum II	5 ⁸	6 ²	6 ³	4 ³	3 ⁴	Ht	3 ⁴	9 ⁴	4 ⁴	2 ⁴	1 ¹	1 ²			
IFS	sh2	B	3	Majesty	7 ⁵	7 ³	7 ¹	7 ¹	3 ⁴	Ht	6 ⁴	9 ³	4 ⁴	1 ¹		1 ¹	6 ¹		
Cr	sh2	Y	2	Marvel	Rp ¹⁸	0 ⁹	6 ⁶	0 ³	5 ¹⁴		6 ¹¹	8 ¹⁰	3 ¹⁰	2 ⁵	1 ¹	1 ²	7 ²	4 ¹	4 ²
Cr	sh2	Y	2	Marvel Edge	Rp ¹⁴	0 ⁵	0 ⁵	0 ⁴	5 ⁶		5 ⁵	9 ⁵	5 ⁵	1 ⁴	1 ²	1 ²	9 ¹		
Cr	sh2	W	2	Marvel White	Rp ³	0 ¹	5 ¹	0 ¹	5 ²		5 ¹	9 ¹	5 ¹			3 ¹			
SnRv	sh2	Y	5	Matador	Rp ²	0 ¹	5 ¹		2 ¹	Ht	3 ¹	3 ¹		1 ¹		3 ¹			
HM	sh2	Y	4	Max	Rp ¹⁹	0 ⁷	6 ⁸	0 ⁴	5 ¹⁰		3 ⁹	3 ⁸	3 ⁸	3 ⁵	1 ²	1 ²	9 ¹	5 ³	
HM	sh2	Y		Megaton	Rp ⁸	0 ³	6 ³	0 ²	7 ⁶		7 ⁴	3 ⁴	3 ³	2 ⁴	1 ¹	4 ¹		3 ¹	
Cent	sh2	Y	3	Mirai 002	5 ⁴	5 ²	5 ²		6 ³		4 ³	9 ¹	5 ²	4 ²				6 ²	
Cent	sh2+	Y	2	Mirai 003	5 ¹¹	5 ⁴	5 ⁴	5 ³	7 ⁷		4 ⁶	5 ⁴	7 ⁵	3 ⁴	1 ¹	1 ²		5 ²	
Cent	sh2	Y	1	Mirai 130 Y	5 ⁸	6 ²	5 ³	4 ³	4 ⁶	Ht	5 ⁴	9 ⁵	8 ⁴	2 ⁴		2 ³	8 ¹		
Cent	sh2+	Y	1	Mirai 131 Y	5 ¹¹	5 ³	5 ⁴	4 ⁴	4 ⁶		4 ⁵	8 ⁵	7 ⁵	2 ⁴	1 ¹	1 ³	6 ¹		
Cent	sh2+	Y	1	Mirai 148 Y	4 ¹³	4 ⁴	5 ⁵	5 ⁴	5 ⁶	Ht	4 ⁵	8 ⁵	9 ⁵	2 ⁴	1 ²	1 ²	5 ¹		
Cent	sh2+	Y	2	Mirai 160 Y	5 ³	5 ¹	5 ¹	6 ¹	6 ²		4 ¹	9 ¹	7 ¹			1 ¹			
Cent	sh2	B	3	Mirai 301 BC	6 ¹³	6 ⁴	6 ⁵	5 ⁴	7 ⁸		3 ⁶	9 ⁷	4 ⁵	3 ⁶	1 ¹	1 ⁴	8 ¹		
Cent	sh2+	B	2	Mirai 308 BC	4 ¹⁶	4 ⁵	4 ⁶	4 ⁵	6 ¹⁰		5 ⁷	9 ⁸	9 ⁷	2 ⁶	2 ²	2 ⁴	7 ¹		
Cent	sh2+	B	2	Mirai 311 BC	5 ³	5 ¹	5 ¹	6 ¹	7 ²		6 ¹	9 ¹	9 ¹			1 ¹			
Cent	sh2+	B	2	Mirai 336 BC	6 ¹²	6 ⁴	6 ⁴	5 ⁴	5 ⁶		1 ⁵	9 ⁵	2 ⁵	2 ⁴	1 ²	1 ²			
Cent	sh2	B	4	Mirai 350 BC	5 ¹⁰	5 ³	5 ⁴	5 ³	4 ⁴	Ht	2 ⁴	9 ⁴	6 ⁴	1 ⁴	1 ²	1 ¹	8 ¹		
Cent	sh2+	B	3	Mirai 351 BC	9 ⁴	8 ²	6 ²		5 ³		3 ²	9 ²	8 ²	1 ¹		1 ¹			
Cent	sh2	W	2	Mirai 421 W	6 ¹⁰	7 ³	6 ⁴	5 ³	6 ⁷		3 ⁵	9 ⁶	6 ⁵	1 ⁵	1 ¹	2 ³	9 ¹		
Cent	sh2+	W	3	Mirai 425 W	6 ³	7 ¹	6 ¹	6 ¹	7 ²		4 ¹	9 ¹	8 ¹			1 ¹			
MKS	sh2	Y	3	MKS 014Y	4 ³	3 ¹	5 ¹	5 ¹	6 ²		3 ¹	9 ¹	5 ¹			1 ¹			
MKS	sh2	Y	4	MKS 345Y	6 ³	6 ¹	7 ¹	5 ¹	5 ²		5 ¹	8 ¹	6 ¹			1 ¹			
MKS	sh2	Y	2	MKS 588Y	5 ³	5 ¹	5 ¹	5 ¹	8 ²		5 ¹	8 ¹	5 ¹			3 ¹			
MKS	sh2	W	3	MKS 814W	5 ³	4 ¹	5 ¹	5 ¹	5 ²		4 ¹	5 ¹	5 ¹			3 ¹			
MKS	sh2	B	3	MKS 919B	5 ³	4 ¹	5 ¹	5 ¹	6 ²		4 ¹	2 ¹	5 ¹			1 ¹			
MKS	sh2	B	2	MKS 999B	8 ³	9 ¹	7 ¹	8 ¹	9 ²		5 ¹	9 ¹	8 ¹			1 ¹			
Rog	sh2	W	3	Munition	Rp ⁸	0 ³	0 ³	5 ²	2 ⁴	Ht	3 ³	4 ³	7 ³	3 ²	1 ¹	3 ¹			
HM	sh2	B	3	NC 70082 BS	6 ³	7 ¹	6 ¹	5 ¹	5 ²		4 ¹	9 ¹	3 ¹			1 ¹			
HM	sh2	Y	3	NC 70156 YS	6 ³	5 ¹	6 ¹	6 ¹	4 ²		5 ¹	9 ¹	5 ¹			1 ¹			
HM	sh2	B	3	NC 70284 BS	7 ³	6 ¹	7 ¹	7 ¹	5 ²		4 ¹	9 ¹	5 ¹			1 ¹			
IFS	sh2	B	2	Nordic	7 ⁵	7 ³	8 ¹	7 ¹	6 ⁵		5 ²	9 ²	7 ²	3 ¹		3 ¹			7 ¹
Sto	sh2	Y	2	Northern Supersweet	8 ³	8 ³			4 ³		7 ³		3 ¹						7 ¹
IFS	sh2	Y	1	Northern Xtra-Sweet	8 ²	9 ¹	7 ¹		8 ¹		7 ¹	9 ¹	4 ¹	1 ¹					
Sem	sh2sy	B	3	Obsession	Rp ²¹	0 ⁷	4 ⁸	0 ⁶	3 ¹²	Ht	3 ¹⁰	9 ¹⁰	3 ⁹	1 ⁷	1 ²	1 ⁴	9 ¹	7 ²	
Sem	sh2	B	4	Obsession R	Rp ³	0 ¹	5 ¹	0 ¹	3 ¹	Ht	1 ¹	8 ¹	4 ¹	2 ¹	1 ¹				
Cr	sh2+	B	3	Optimum	6 ¹⁷	7 ⁵	6 ⁶	7 ⁶	5 ¹⁰		6 ⁷	9 ⁸	5 ⁷	1 ⁶	1 ²	2 ⁴	7 ¹		
Rog	sh2	Y	5	Overland	Rp ¹²	0 ⁴	0 ⁴	4 ⁴	1 ⁶	Ht	2 ⁵	7 ⁵	4 ⁵	2 ⁴	1 ¹	1 ³	5 ¹		
Adv	sh2	Y	6	PAC 61661	4 ³	4 ¹	5 ¹	4 ¹	4 ²		5 ¹	7 ¹	2 ¹			1 ¹			
Adv	sh2	Y	6	PAC 61663	4 ³	4 ¹	5 ¹	3 ¹	5 ²		5 ¹	8 ¹	1 ¹			1 ¹			

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's					Southern					
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS	ALB
Adv	sh2	Y	6	PAC 61749	Rp ³	0 ¹	5 ¹	0 ¹	5 ²		6 ¹	8 ¹	1 ¹			1 ¹			
Adv	sh2	Y	6	PAC 61750	2 ³	2 ¹	3 ¹	2 ¹	5 ²		6 ¹	9 ¹	2 ¹			1 ¹			
Adv	sh2	Y	6	PAC Sw 018	Rp ³	0 ¹	5 ¹	0 ¹	5 ²		3 ¹	8 ¹	1 ¹			1 ¹			
Sem	sh2	Y	2	Passion	Rp ¹⁷	0 ⁶	4 ⁶	0 ⁵	3 ⁹	Ht	3 ⁸	9 ⁶	3 ⁷	2 ⁶	1 ²	1 ³	9 ¹	6 ²	
Cr	sh2+	B	2	Pick Me	8 ¹¹	7 ⁴	8 ⁴	8 ³	6 ⁵		6 ⁴	9 ⁴	5 ⁴	1 ³	1 ²	1 ¹			
HM	sh2	B	4	Polaris	Rp ¹⁶	0 ⁶	7 ⁶	0 ⁴	7 ¹²		4 ⁹	4 ⁹	4 ⁸	3 ⁵	1 ¹	2 ³		5 ³	
Rog	sh2	Y	3	Prime Plus	Rp ²⁰	0 ⁹	6 ⁸	0 ³	2 ¹³	Ht	3 ⁹	9 ¹⁰	7 ¹⁰	2 ³	1 ¹	2 ²	9 ²	5 ²	1 ¹
Rog	sh2	Y	3	Primetime	6 ¹⁴	6 ⁷	6 ⁶	5 ¹	3 ¹⁰	Ht	3 ⁷	9 ⁶	8 ⁷	2 ²		1 ¹	6 ¹	6 ¹	5 ²
Sem	sh2	B	2	Princeton	5 ⁸	4 ⁵	6 ²	7 ¹	6 ⁸		6 ⁶	9 ⁴	5 ⁵	1 ³		2 ¹	9 ¹	9 ¹	1 ¹
Rog	sh2	Y	3	Protégé	Rp ¹¹	0 ⁴	0 ⁴	3 ³	4 ⁶	Ht	4 ⁴	9 ⁵	4 ⁴	2 ⁴	1 ¹	2 ²	7 ¹		
Sem	sh2sy	Y	2	PX 93 8117 8	5 ¹²	5 ⁴	5 ⁵	5 ³	4 ⁹	Ht	5 ⁷	9 ⁶	2 ⁵	1 ⁶		1 ⁴	8 ¹	7 ²	
IFS	sh2	B	2	Radiance	7 ³	7 ³			6 ³		6 ³		9 ²						5 ³
Cr	sh2	Y	2	Rana	Rp ¹²	0 ⁴	6 ⁴	0 ⁴	4 ⁶	Ht	4 ⁵	8 ⁵	2 ⁵	1 ⁴	1 ¹	1 ³	6 ¹		
HM	sh2	Y	4	Ranger	8 ¹⁰	8 ³	8 ⁴	7 ³	2 ⁴	Ht	6 ⁴	3 ⁴	3 ⁴	3 ⁴	2 ²	1 ¹	6 ¹		
Rog	sh2	Y	2	Ravelin	Rp ¹⁴	0 ⁵	5 ⁵	0 ⁴	6 ⁶	Ht	6 ⁵	8 ⁵	6 ⁵	1 ⁴	1 ²	1 ²	6 ¹		
PV	sh2	Y	4	Rebecca	Rp ¹²	0 ⁴	7 ⁴	0 ⁴	3 ⁶	Ht	3 ⁵	6 ⁵	2 ⁵	2 ⁴	1 ¹	1 ³	5 ¹		
SnRv	sh2	Y	1	Rising Sun	Rp ¹⁴	0 ⁵	5 ⁵	0 ⁴	6 ⁹		6 ⁶	8 ⁷	4 ⁵	1 ⁵		1 ⁵	5 ¹		
HM	sh2	Y	4	Rustler	Rp ¹⁶	0 ⁸	6 ⁶	0 ²	5 ¹¹	Ht	4 ⁹	3 ¹⁰	2 ⁸	1 ⁴	1 ¹	3 ²	6 ²	5 ²	
Cr	sh2	Y	4	Samurai	Rp ⁸	0 ³	5 ³	0 ²	5 ⁴	Ht	5 ³	2 ³	5 ³	3 ²	1 ¹	1 ¹			
Sdw	sh2	Y	3	Saturn	5 ¹³	4 ⁶	5 ⁴	4 ³	6 ¹¹	Ht	3 ⁸	9 ⁸	4 ⁸	2 ⁴		1 ³	5 ²		2 ³
IFS	sh2	Y	2	Sch 4006	6 ³	6 ³			8 ²		9 ³		9 ¹						1 ¹
IFS	sh2	Y	2	Sch 4016	5 ²	5 ²			7 ²		5 ¹		7 ¹						3 ¹
IFS	sh2	Y	2	Sch 4023	8 ²	8 ²			5 ¹		8 ³		7 ¹						1 ¹
IFS	sh2	Y	3	Sch 4040	5 ²	5 ²			1 ¹		5 ³		3 ¹						
IFS	sh2	B	4	Sch 4407	6 ⁴	6 ⁴			2 ³		3 ⁵		5 ²						3 ³
IFS	sh2	B	1	Sch 4427	9 ²	9 ²			9 ²		7 ¹		5 ¹						
IFS	sh2	Y	3	Sch 5005	5 ⁵	5 ⁴	6 ¹		3 ⁴		4 ³	9 ¹	2 ⁴			6 ¹			5 ¹
IFS	sh2	Y	2	Sch 20693	9 ²	9 ²			6 ²		4 ²		5 ¹						5 ²
IFS	sh2	W	4	Sch 20705 w ht	4 ¹			4 ¹	5 ¹		3 ¹	9 ¹	5 ¹	2 ¹		1 ¹			
IFS	sh2	B	1	Sch 23604 RpD	Rp ⁶	0 ²	7 ²	0 ²	5 ⁴		6 ²	8 ³	2 ²	1 ²		2 ²	7 ¹		
IFS	sh2	Y	5	Sch 30129	Rp ⁵	0 ³	7 ¹	0 ¹	2 ³	Ht	3 ³	6 ¹	2 ²	1 ¹		1 ¹	7 ¹		2 ²
IFS	sh2	Y	2	Sch 30131	Rp ⁵	0 ³	6 ¹	0 ¹	7 ⁴		6 ³	7 ¹	4 ³	1 ¹		1 ¹	8 ¹		2 ²
IFS	sh2	B	4	Sch 55141	Rp ⁵	0 ²	6 ²	0 ¹	3 ⁴	Ht	3 ¹	9 ²	1 ²	2 ¹		2 ¹			
IFS	sh2	Y	4	Sch 61144	Rp ⁵	0 ²	7 ²	0 ¹	2 ⁴	Ht	4 ¹	9 ²	2 ²	1 ¹		2 ¹			
IFS	sh2	Y	3	Sch 70064 RpD	Rp ¹²	0 ⁵	5 ⁵	0 ²	4 ¹⁰	Ht	3 ⁸	8 ⁹	2 ⁷	2 ⁶		2 ³	7 ¹	4 ²	
IFS	sh2	Y	5	Sch 71141	Rp ⁴	0 ¹	8 ¹	0 ²	2 ⁴	Ht	3 ²	9 ³	2 ²	1 ²		2 ²			
IFS	sh2	Y	4	Sch 81141	Rp ³	0 ¹	8 ¹	0 ¹	3 ³	Ht	3 ¹	9 ²	1 ¹	1 ¹		2 ¹			
IFS	sh2	B	2	Sch 86705	5 ⁴	5 ²	5 ¹	5 ¹	5 ⁴	Ht	5 ²	9 ³	6 ²	3 ¹		4 ¹	6 ¹		
IFS	sh2	B	5	Sch 96064	6 ³		6 ¹	6 ²	4 ²	Ht	4 ²	8 ²	1 ²	1 ²		1 ²	5 ¹		
Sem	sh2	Y	4	SEM 6	Rp ³	0 ¹	0 ¹	0 ¹	6 ²		5 ¹	9 ¹	3 ¹			3 ¹			
Sem	sh2	Y	5	SEM 9	Rp ¹²	0 ⁴	5 ⁴	0 ⁴	6 ⁶		4 ⁵	2 ⁵	6 ⁵	3 ⁴	1 ¹	1 ³	4 ¹		
Sem	sh2	Y	5	SEM 11	Rp ⁶	0 ²	0 ²	0 ²	2 ³	Ht	4 ²	9 ²	2 ²	3 ¹	1 ¹	1 ¹			
Sem	sh2	B	3	SEM 16	Rp ³	0 ¹	0 ¹	3 ¹	5 ¹	Ht	4 ¹	9 ¹	6 ¹	4 ¹	1 ¹				

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's				Southern				
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust
Sem	sh2	B	3	SEM 17	Rp ³	0 ¹	0 ¹	2 ¹	4 ¹	Ht	4 ¹	9 ¹	5 ¹	4 ¹	1 ¹		
Sem	sh2	Y	4	SEM 18	Rp ⁸	0 ³	0 ³	0 ²	4 ⁴	Ht	6 ³	9 ³	3 ³	2 ²	1 ¹	1 ¹	
Sem	sh2	Y	3	SEM 20	5 ³	5 ¹	5 ¹	5 ¹	4 ¹		6 ¹	8 ¹	3 ¹	2 ¹	1 ¹		
Sem	sh2	B	4	SEM 26	Rp ⁸	0 ³	0 ³	0 ²	3 ³	Ht	3 ³	9 ³	2 ³	1 ³	1 ²		
Sem	sh2	Y	4	SEM 27	Rp ⁸	0 ³	0 ³	0 ²	3 ⁴	Ht	3 ³	9 ³	5 ³	2 ²	1 ¹	1 ¹	
Sem	sh2	Y	4	SEM 32	Rp ⁶	0 ²	0 ²	3 ²	5 ³	Ht	6 ²	9 ²	2 ²	1 ¹	1 ¹	1 ¹	
Sem	sh2	B	5	SEM 36	5 ³	5 ¹	5 ¹	4 ¹	4 ¹	Ht	5 ¹	7 ¹	1 ¹	2 ¹	1 ¹		
Sem	sh2	Y	4	SEM 40	Rp ³	0 ¹	0 ¹	0 ¹	9 ²		6 ¹	4 ¹	2 ¹			1 ¹	
Sem	sh2	W	4	SEM 41	Rp ⁶	0 ²	5 ²	0 ²	3 ³	Ht	3 ²	9 ²	5 ²	2 ¹	1 ¹	1 ¹	
Sem	sh2	B	5	SEM 42	4 ⁶	4 ²	5 ²	3 ²	4 ³	Ht	5 ²	9 ²	3 ²	1 ¹	1 ¹	1 ¹	
Sem	sh2	Y	4	SEM101	Rp ³	0 ¹	0 ¹	5 ¹	6 ²	Ht	6 ¹	9 ¹	5 ¹			3 ¹	
Sem	sh2	Y	4	SEM102	Rp ³	0 ¹	0 ¹	5 ¹	5 ²	Ht	3 ¹	9 ¹	4 ¹			1 ¹	
Sem	sh2	Y	4	SEM103	Rp ³	0 ¹	0 ¹	5 ¹	4 ²	Ht	5 ¹	9 ¹	3 ¹			1 ¹	
Sem	sh2	Y	5	SEM104	Rp ³	0 ¹	6 ¹	0 ¹	6 ²	Ht	6 ¹	1 ¹	5 ¹			1 ¹	
Sem	sh2	W	4	SEM105	4 ³	4 ¹	6 ¹	3 ¹	7 ²		6 ¹	9 ¹	7 ¹			1 ¹	
Sem	sh2	Y	3	SEM106	9 ³	9 ¹	8 ¹	9 ¹	6 ²		3 ¹	9 ¹	9 ¹			1 ¹	
Sem	sh2	Y	5	SEM107	Rp ³	0 ¹	0 ¹	0 ¹	5 ²	Ht	5 ¹	9 ¹	3 ¹			1 ¹	
Sem	sh2	Y	4	SEM109	Rp ³	0 ¹	0 ¹	3 ¹	4 ²	Ht	7 ¹	9 ¹	4 ¹			3 ¹	
Sem	sh2	B	5	SEM110	6 ³	6 ¹	6 ¹	5 ¹	5 ²		7 ¹	9 ¹	7 ¹			1 ¹	
Sem	sh2	Y	4	SEM111	4 ³	4 ¹	5 ¹	3 ¹	6 ²		3 ¹	9 ¹	5 ¹			3 ¹	
Sem	sh2	Y	4	SEM112	Rp ³	0 ¹	0 ¹	0 ¹	8 ²		5 ¹	8 ¹	2 ¹			1 ¹	
Sem	sh2	B	4	SEM113	5 ³	5 ¹	6 ¹	4 ¹	7 ²		3 ¹	9 ¹	5 ¹			1 ¹	
Sem	sh2	Y	5	SEM114	Rp ³	0 ¹	7 ¹	0 ¹	8 ²		6 ¹	2 ¹	5 ¹			1 ¹	
Sem	sh2	Y	4	SEM115	Rp ³	0 ¹	5 ¹	0 ¹	9 ²		6 ¹	1 ¹	5 ¹			1 ¹	
Sem	sh2	Y	4	SEM116	6 ³	6 ¹	5 ¹	7 ¹	5 ²		6 ¹	9 ¹	5 ¹			1 ¹	
Sem	sh2	Y	4	SEM117	5 ³	5 ¹	5 ¹	5 ¹	3 ²		5 ¹	9 ¹	2 ¹			1 ¹	
Sem	sh2	W	4	SEM118	5 ³	5 ¹	6 ¹	4 ¹	8 ²		5 ¹	9 ¹	5 ¹			1 ¹	
Sem	sh2	Y	3	SEM119	Rp ³	0 ¹	4 ¹	0 ¹	6 ²		5 ¹	1 ¹	6 ¹			1 ¹	
Sem	sh2	W	4	SEM120	Rp ³	0 ¹	5 ¹	0 ¹	4 ²	Ht	5 ¹	2 ¹	4 ¹			1 ¹	
Sem	sh2	Y	3	SEM121	3 ³	2 ¹	4 ¹	2 ¹	5 ²		3 ¹	8 ¹	2 ¹			1 ¹	
Sem	sh2	B	3	SEM122	2 ³	2 ¹	3 ¹	2 ¹	5 ²		5 ¹	9 ¹	3 ¹			1 ¹	
Sem	sh2	B	3	SEM123	6 ³	6 ¹	5 ¹	6 ¹	7 ²		5 ¹	9 ¹	5 ¹			1 ¹	
Sem	sh2	B	3	SEM124	Rp ³	0 ¹	0 ¹	5 ¹	7 ²		5 ¹	9 ¹	5 ¹			1 ¹	
Sem	sh2	B	3	SEM125	5 ³	5 ¹	5 ¹	5 ¹	5 ²		5 ¹	9 ¹	4 ¹			1 ¹	
Sem	sh2	W	3	SEM126	Rp ³	0 ¹	7 ¹	0 ¹	9 ²		6 ¹	9 ¹	5 ¹			1 ¹	
Sem	sh2	W	3	SEM127	Rp ³	0 ¹	0 ¹	5 ¹	5 ²		5 ¹	9 ¹	6 ¹			1 ¹	
Sem	sh2	Y	4	SEM128	7 ³	7 ¹	6 ¹	8 ¹	8 ²		4 ¹	9 ¹	3 ¹			1 ¹	
Sem	sh2	Y	4	SEM129	Rp ³	0 ¹	6 ¹	0 ¹	5 ²		4 ¹	9 ¹	3 ¹			1 ¹	
Sem	sh2	B	4	SEM130	Rp ³	0 ¹	0 ¹	0 ¹	6 ²		4 ¹	1 ¹	5 ¹			1 ¹	
Sem	sh2	W	4	SEM131	4 ³	4 ¹	5 ¹	3 ¹	3 ²		4 ¹	9 ¹	4 ¹			1 ¹	
Sem	sh2	W	4	SEM132	3 ³	3 ¹	4 ¹	3 ¹	1 ²		3 ¹	9 ¹	5 ¹			1 ¹	
Sem	sh2	B	3	SEM133	8 ³	8 ¹	7 ¹	8 ¹	8 ²		4 ¹	9 ¹	5 ¹			1 ¹	
Sem	sh2	Y	4	SEM134	Rp ³	0 ¹	0 ¹	4 ¹	5 ²	Ht	5 ¹	9 ¹	2 ¹			1 ¹	

Table 2. Disease and herbicide reactions of commercial and pre-commercial sweet corn hybrids in University of Illinois nurseries, 1984-2010 (continued)

SdCo	ET	KC	RM	Hybrid	Common rust races				Stewart's				Southern						
					rust	avir	D-vir	G-vir	NLB	Ht	wilt	MDM	SLB	Callisto	Laudis	Accent	rust	GLS	ALB
Rog	sh2	Y	4	Supersweet Jubilee	5 ²⁶	5 ¹³	6 ⁹	5 ⁴	7 ¹⁶		9 ¹³	8 ¹¹	4 ¹¹	4 ⁵	1 ²	4 ³	6 ³	4 ¹	7 ²
Rog	sh2	Y	4	Supersweet Jubilee Plus	Rp ²²	0 ⁸	6 ⁹	0 ⁵	7 ¹²		8 ⁹	9 ⁹	6 ⁹	5 ⁶	1 ²	2 ⁴	6 ²	6 ¹	7 ¹
HM	sh2	Y	4	Suregold	Rp ²²	0 ¹⁰	6 ⁸	0 ⁴	6 ¹²		5 ¹⁰	4 ¹⁰	3 ¹⁰	4 ⁵	1 ²	2 ³	0 ²	5 ²	
Rsp	sh2	Y	4	Sweet Perfection	7 ⁴	7 ¹	7 ²	7 ¹	7 ²		3 ²	8 ²	5 ²	1 ²		1 ¹	8 ¹		
Rsp	sh2	Y	3	Sweet Shipper	5 ⁴	6 ¹	6 ²	4 ¹	7 ²		6 ²	9 ²	4 ²	1 ²		1 ¹	7 ¹		
Rsp	sh2	Y	2	Sweet Sunrise	5 ⁴	5 ¹	5 ²	4 ¹	7 ²		5 ²	8 ²	6 ²	2 ²		1 ¹	7 ¹		
Rsp	sh2	B	4	Sweet Surprise	5 ²	5 ¹	5 ¹		6 ¹		3 ¹	9 ¹	5 ¹	2 ¹					
Sem	sh2	Y	4	Sweet Talk	6 ¹³	5 ⁵	6 ⁵	6 ³	4 ¹⁰	Ht	4 ⁷	9 ⁶	2 ⁵	2 ⁵		1 ⁴		5 ²	
HM	sh2	Y	3	Sweetear	6 ⁶	6 ⁴	7 ²		6 ⁶	Ht	5 ⁶	9 ³	4 ⁴	1 ¹					5 ¹
Cr	sh2	W	4	Symmetry	Rp ¹⁴	0 ⁵	4 ⁵	0 ⁴	4 ⁶		5 ⁵	3 ⁵	3 ⁵	5 ⁴	1 ²	1 ²	5 ¹		
Rog	sh2	W	3	Tahoe	Rp ⁶	0 ³	6 ³		3 ⁵	Ht	5 ⁵	9 ⁴	3 ⁴	1 ²				5 ³	
Cr	sh2+	W	5	Tempest	6 ¹³	6 ⁴	6 ⁵	6 ⁴	5 ⁶		6 ⁵	8 ⁵	3 ⁵	3 ⁴	1 ²	1 ²	6 ¹		
Cr	sh2	Y	5	Tribute	Rp ⁵	0 ²	7 ²	0 ¹	1 ²	Ht	3 ²	9 ²	2 ²	1 ²	1 ¹				
IFS	sh2	B	2	Triumph	7 ⁷	8 ²	6 ³	7 ²	7 ⁵		4 ³	9 ⁴	4 ³	2 ³		2 ²	9 ¹		
IFS	sh2	Y	2	Vision	7 ¹⁶	8 ⁵	8 ⁶	7 ⁵	7 ¹¹		5 ⁸	9 ⁸	3 ⁶	2 ⁷	1 ¹	1 ⁵	7 ¹	7 ¹	
Sdw	sh2	W	3	White Saturn	5 ⁶	4 ²	5 ³	3 ¹	5 ³	Ht	3 ³	9 ⁴	6 ³	2 ²	1 ¹				
Rog	sh2	Y	4	Winstar	Rp ¹⁴	0 ⁶	4 ⁶	0 ²	3 ⁹	Ht	5 ⁸	8 ⁷	7 ⁶	2 ⁴	1 ¹	3 ²		5 ³	
HM	sh2	W	2	WS 11614 R	Rp ³	0 ¹	0 ¹	0 ¹	7 ²		6 ¹	9 ¹	8 ¹			1 ¹			
Rog	sh2	W	3	WSS 0987	Rp ²	0 ¹	7 ¹		2 ²	Ht	4 ²	9 ¹	3 ¹	2 ²				5 ¹	
Rog	sh2	W	4	WSS 3681	Rp ⁴	0 ²	7 ²		7 ²		9 ²	9 ²	3 ²	1 ¹			7 ¹		7 ¹
Rog	sh2	W	3	WSS 3801	Rp ⁵	0 ²	5 ²	0 ¹	4 ²	Ht	5 ²	4 ²	7 ²	3 ²	1 ¹				
Rog	sh2	W	4	WSS 3826	Rp ⁵	0 ²	0 ²	6 ¹	4 ²		5 ²	4 ²	6 ²	2 ²	1 ¹				
IFS	sh2	Y	2	Xtra Sweet 82	8 ¹⁰	8 ¹⁰			6 ¹⁰		6 ¹²		5 ³						5 ⁵
Brittle hybrids																			
HARC	bt	Y	6	Hawaiian Supersweet 10c2	1 ³	0 ¹	5 ¹	0 ¹	2 ²	Ht	7 ¹	8 ¹	3 ¹			1 ¹			
HARC	bt	Y	6	Hi Oz5	1 ³	0 ¹	1 ¹	0 ¹	2 ²	Ht	4 ¹	7 ¹	1 ¹			1 ¹			
HARC	bt	Y	6	Hi Thai 3	1 ³	0 ¹	1 ¹	0 ¹	2 ²		8 ¹	2 ¹	1 ¹			3 ¹			
HARC	bt	W	6	Sweet Cynthia	3 ³	3 ¹	4 ¹	3 ¹	1 ²		7 ¹	1 ¹	1 ¹			1 ¹			
HARC	bt	Y	6	Sweet Sarah 16	1 ³	0 ¹	1 ¹	0 ¹	4 ²	Ht	7 ¹	4 ¹	2 ¹			1 ¹			
HARC	bt	Y	6	Sweet Sarah 18	1 ³	0 ¹	1 ¹	0 ¹	3 ²	Ht	8 ¹	7 ¹	3 ¹			1 ¹			

Disease reactions: 1 - resistant, 3 - moderately resistant, 5 - moderate, 7 - moderately susceptible, 9 - susceptible

Herbicide reactions: Tolerant (1), Intermediate (2-6), Sensistive (7-9)

Example: 5⁷ indicates that a hybrid has a moderate (5) reaction to that disease based on 7 trials (superscript indicates number of trials)

Seed source: AC - Abbott & Cobb, Bas - Basso, Cent - Centest, Cr - Crookham, DM - Del Monte, GG - Green Giant, HARC - Hawaiian Ag. Res., HM - Harris Moran, IFS - Illinois Foundation Seeds, MKS - Mikado Kyowa, MM - Mesa Maize, PV - Pop Vriend, Rog - Rogers (Syngenta), Rsp - Rispens, Sak - Sakata, SdSv - Seed Savers, Sdw - Seedway, Sem - Seminis, SnR - Snowy River, Sto - Stokes

ET - endosperm type: su - sugary1, se - sugary enhanced, sh2 - shrunken-2 (others clasified within these three major endosperm types)

KC - kernel color: B - bicolored, R - red, W - white, and Y - yellow

RM - relative maturity: 1 - first early, 2 - second early, 3 - mid-season, 4 - main season, and 5 - full season